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EVERY FRIDAY.

Two Pence.

OFFICIAL PROGRAMMES OF THE BRITISH BROADCASTING COMPANY.

For the Week Commencing
SUNDAY, JUNE 22nd.

London	Cardiff
Aberdeen	Glasgow
Birmingham	Manchester
Bournemouth	Newcastle
Sheffield (Relay)	
Plymouth (Relay)	
Edinburgh (Relay)	
Liverpool (Relay)	

SPECIAL CONTENTS:

SINGING TO THE WORLD.
By Miss Marguerite D'Alvarez.

THE NATURE OF GASES.
By Sir William H. Bragg.

WAGNER, SAD AND GLAD.
By R. D. S. McMillan.

TELEVISION TROUBLES.

OFFICIAL NEWS AND VIEWS.

RATES OF SUBSCRIPTION to "The Radio Times" (including postage): TWELVE MONTHS (Foreign), 16s. 6d.; TWELVE MONTHS (British), 12s. 6d.

Imagination and Wireless.

FATHERS of families who possess wireless sets will probably have experienced a curious phenomenon. Some of the family love listening, and others, after the first thrill of a novel experience has passed away, cease to take any interest. Is there a section of the community born with the faculty for listening? The answer is that it requires a good deal of imagination to enjoy listening continually to disembodied voices.

The voice of the nightingale, brilliantly transmitted as it was, proved to a few people disappointing. They had read, perhaps, of the poets' ecstasy in listening to the voice of the "Tawny-throated," and the trills that came by night through the ether seemed to them, after all, very much like the song of an ordinary bird. But those who had imagination could picture in the mind's eye the deep silence of the Surrey woods, the moonlight, the bluebells, and the lady with the 'cello. On some previous occasion the London Studio was giving a Grand Guignol thrill. There was a party cut off in a flooded mine. In one household at least opinions differed most violently about the success of this performance. It was easy to see that those who felt the thrill were those who had the imagination to picture the scene; the darkness, the danger and the terror.

With children we have often noticed that they begin to listen with extraordinary keenness. For the first few weeks nothing will drag them away from the head-phones. Then the interest to some extent flags, and though they are still proud of being the possessors of the apparatus, their listening is not so systematic as formerly. This is possibly because they lack the necessary ingredient of imagination. It may be claimed, however, that they will, after the first period of disillusionment, gradually find that their interest grows again, and grows to be a far finer thing

than the mere excitement about a novelty. They are developing the divine faculty of imagination.

To the imaginative listener all sorts of delights reveal themselves. We remember taking up our head-phones one evening, without having looked at the programme. It was the eve of Good Friday. In the pressure of business we had forgotten the Calendar. We heard a voice, not a pulpit voice, giving a quiet message about the meaning of Easter, which came like one of the voices that the Maid of Domrémy used to hear while she tended her sheep.

Imagination is needed at both ends of the wireless chain. Until those brainy people, the engineers, can invent some machine which will let us, at this end, hear the click of a million instruments being laid aside, we can only rely upon our imaginations to tell us what the people at the other end are thinking and feeling about our transmissions.

We have to try and picture them. There is the pure enthusiast, far more concerned with the means than ends, with manner than matter. He is the experimentalist and the more novelties we can broadcast the more thrills for him. He would as lief hear a fly crawling up the window-pane as a nightingale whooping its mate. Then there is the father, the city man home from business, fed and rested. What are his tastes? Some music? Yes, but what sort of music? Good, rather than bad, with an intelligible air in it, preferably something he has heard before—but not too often. With the music, a few minutes' chat by an expert explaining things that you do not see in the newspapers, things people discuss in the trains; things that puzzle you; life's little problems.

(Continued overleaf in column 2.)

Wagner, Sad and Glad.

A Genius and His Strange Romances. By R. D. S. McMillan.



RICHARD WAGNER.

HERE is an axiom to the effect that to live in unity with a genius, one must be an angel, and this truth might have been inspired by the life of Richard Wagner. Women played a notable part in his life, yet the very one whom he chose for wife was perhaps the most un-suited as such, and their mutual unhappiness culminated when she

became a drug-fiend and he entered upon another romance, as strange as any either in or out of fiction. They parted, as was inevitable, she to lead a life of loneliness; he to find the consolation of another wife.

For the misery he brought Minna, his wife, Wagner has received more than his share of blame, for, after all, we must remember that he strove his hardest to keep his thoughts in tune with hers, only to find that, when they struggled against poverty, as they had to do nearly all their lives, she complained because he would not write "for the gallery."

The truth was that Minna Planer did not realize that she had married one of the world's greatest geniuses; but after their separation the fact seemed gradually to dawn upon her, and we find her writing to the newspapers championing him against his critics.

His First Love.

Four different women influenced Wagner's life. First was Leah David, a little Jewish girl, whom he met in Leipzig, his native city, in which he had been born in 1813. He was still in his teens at the time of the romance. She married someone else, and he afterwards declared: "It was my first love-sorrow, and I thought I would never get over it."

The second woman was Minna, who shared all his sorrows and sufferings with him, and whose only fault was that she was more of a housewife than a companion. Wagner was twenty-one when he met her—she was an actress—and two years later, in 1838, they were married. By this time Wagner had been chorus-master and musical director, by turn, at various German theatres; but in 1839 we find them in Paris, whether they had gone brimful of hope, but where they were destined to face starvation.

Starving in Paris.

Wagner had already done some notable composition, including his only completed symphony. It was in Paris that he began *Tannhäuser*, which he was to complete a year or two later; and the *Faust* Overture was also written in the French capital. During this period in Paris the couple suffered terribly, but Minna's comfort was ever ready, and often he testified afterwards to her tender solicitude.

Often Wagner could not go out because there were no soles to his boots, and once he returned home to find that his wife had given away the last crust of bread to someone hungrier than themselves.

After *Tannhäuser* came *Lohengrin*, which brought him no more money than the former—there seemed to be a conspiracy to keep him from having his work performed—then *Das Rheingold* and *Die Walküre*.

It was about this time that he had to fly

from Germany, whether he had returned, as the result of a part he played in the revolution of 1848. He fled to Zurich, and here he met Mathilde Wesendonck, a married woman, with whom he fell in love. Wagner's association with Frau Wesendonck forms a strange chapter in the life of the great man. Their relations were of the purest, and she was quite frank about the whole affair to her husband, whom she actually persuaded to help Wagner, providing him with a house in Zurich.

The Husband in the Background.

"From the moment of our first acquaintance," Wagner writes of the affair, "she had displayed the most unrestrained and most delicate care for me, and in the most outrageous way had obtained from her husband everything that could lighten my life. . . . Her nobleness consisted in this, that she kept her husband informed of the state of her heart and gradually led him to perfect renunciation of her. . . . Thus, while he was devoured with jealousy, she again interested him for me so far that he often supported me. Her husband, out of love for her, had always to show himself friendly and unconcerned towards me. Not a dark look must he cast on me, not a hair ruffled. . . . Such was the unheard-of result of the glorious love of the purest, noblest woman, and this love, which always remained unspoken between us, was compelled finally to reveal itself when I composed and gave her *Tristan*."

No more wonderful monument to his love could Wagner have offered than *Tristan and Isolde*, and, perhaps believing within his own heart that it would live for ever, he was content.

Eloping at Fifty.

This friendship was the rock on which Wagner's matrimonial barque was to be wrecked. His wife, by this time an opium-eater, was consumed with jealousy and unable to believe the affair could be platonic, and soon after she left him to return to her home.

It was in 1861 or 1862 that the couple parted, and some few years later Wagner met his "vessel of companion gold." She was Cosima von Bülow, the daughter of the great Liszt. All through Wagner's trials Liszt had remained his firm friend. Cosima, unfortunately, was married, and, what was more, her husband looked up to Wagner as if to a god. Wagner was fifty, but so firm a grip of him had this late-love taken that he risked everything for it; he and Cosima ran away.

At last Wagner had met his life's companion, and when their union was blessed with a son, he declared, "A wonderfully beautiful and vigorous son, whom I boldly call 'Siegfried.' He will prosper with my work and give me a new long life, for life has at last found a meaning." It was four years after the death of Minna, who died in 1866, that Wagner and Cosima were married.

The Son Who Inspired a Masterpiece.

The peace which Wagner had long sought was now his, and he aspired to scale even greater heights. Like the opening of a dawn, this new love had set free the glory of song that was within him. He composed *Siegfried* in honour of his son; then *Die Meistersinger*, and then occurred to him the great idea which was his obsession to his dying day—the establishment of a German national theatre at Bayreuth.

The sacrifices which Wagner laid at this altar of his patriotism were never-ending, and although the theatre was built and *Der Ring* performed, it was, at first, anything but a success,

(Continued in the next column.)

Imagination and Wireless

(Continued from the previous page.)

No, we do not think that he is the man who wants the Stock Exchange prices. As we picture him there is more than a dash of romance in Mr. Urbans. A little play or dialogue, something rather tender and Barrie-like, will appeal to Mr. Urbans—as much as to his wife. We see that couple greyish about the temples, a trifle uncomfortable about the figure, visibly respectable, and you might even think, a little wanting in sensibility. But are they? Try them with the nightingale, or one of those old pieces, "Salut d'Amour" or "Blue Danube," and it all comes back to them.

* * * *

We see many more characters at the far end. No space to describe them all. But one we must, for she appeals very much to us. A lonely woman in a quiet house, children married and gone out into the world; husband dead; a solitary woman needing a companion—a companion that can play and sing and talk agreeably on any topic; that can be quieted immediately. We like to think that we can brighten the evening of that woman's life.

(Continued from the previous column.)

and Wagner never saw his dream realized as he had conceived it. Certainly before he died, *Parsifal*, which has been fittingly described as the crown of his life's work, was performed with wonderful results. It was theaviour of Bayreuth; but already the end was near for Wagner. He had gone to live in Venice, and here on the evening of February 13th, 1883, he breathed his last.

Wagner was dead; but the flame which his genius had kindled burned all the more brightly until all the world of music was suffused with its glow.

Next Week: "Lust, the Man and Lover."

Wireless is included in the trades to which boy recruits in the Royal Air Force are to be apprenticed.

* * * *

A new high-power wireless station has been completed at Saigon, French Indo-China, which will work direct with Bordeaux, a distance of 6,000 miles.

ALL MODERN IMPROVEMENTS.

IT was the familiar farmhouse scene, interior setting. The night was of the bitter sort, a wailing wind and the slash of savage rain.

The girl, with terror in her eyes, sensed her parent's purpose even before he spoke.

"Father," she gasped, "would you send me out into the world on a night like this?"

His lips grimly set, the old man pointed to the door. One monosyllable.

Go!

Choking back a sob, the girl took one all-seeing look at the old home, then vanished into the storm.

Silence, save for the wind and rain.

* * * *

The old man tottered across the creaking kitchen floor and dropped trembling on his knees beside a table. In an instant his bony fingers were fumbling with a long black box.

"It used to be the style in melodrama," he groaned, "to keep burnin' a lamp in the window for ye, a light to guide ye home. But times have changed now, so I'll sit here night and day, with these here contraptions on my ears, just waitin' and prayin' for your dear, dear voice to come to me over the radio."

Listeners' Letters.

(All letters to the Editor to be acknowledged must bear the name and address of the writer. Anonymous contributions are not considered.)

Money Saved Through Listening.

DEAR SIR.—I wish to express my appreciation of the practical assistance given me by the Bournemouth news bulletin on a recent Sunday evening. I was sending a man with a heavy consignment of plants for exhibition at the Three Counties Agricultural Show at Worcester the following morning. Had I not received news of the cancelling of the show, an expensive and fruitless journey would have resulted, as no other information reached me until the afternoon.

Yours faithfully,
Broadstone, Dorset. H. E. B.

Impossible!

DEAR SIR.—Could you not have a bad programme at least once a week, so that I could have a night out without regretting it?

Yours truly,
(Miss) C. H.

A Million to One Chance.

DEAR SIR.—What are the chances of lightning striking a building over which an aerial is erected? I will hazard a guess that if an actuary were to work out the problem for an insurance company and the latter were quite honest with the prospective insurer, the risk of lightning doing damage through the installation of a receiving set would be so small that the premium covering the risk would hardly be worth considering from a business standpoint.

Isolated instances have happened in this country of receiving sets being damaged by lightning, but off-set these with the accidents in the open country far removed from any electrical contraption of man's invention, and one wonders whether something more serious may not have happened had the lightning not been conducted through the aerials.

The individual may rest assured that the odds are a million to one against him receiving any hurt through the installation of a receiving set; but he is in an absolute certainty of passing many pleasant hours at his own fireside with an instrument installed.

It may be wise to fit a lightning arrester or earthing switch for one's own peace of mind; but I must confess that, sooner than forego a decent transmission, I would sit out an electric storm rather than curtail it by earthing my aerial, and I think that I value my skin as highly as does the average man.

Yours truly,
L. N. G.
Lieutenant-Commander, R.N.R. (Rd.)

The Only Remedy.

DEAR SIR.—I have heard several wiseacres discussing the possibility of the great amount of "juice" flying about from the British Broadcasting Stations being the cause of the recent thunderstorms.

I beg to suggest that one of your stock comedians should broadcast a "talk" to set the aforesaid wiseacres' minds at rest.

Yours appreciatively,
London, S.E. G. D. L.

"Listener" and "Listener-in."

DEAR SIR.—For some obscure reason the B.R.C. has taken a violent dislike to the term "Listener-in," although many of their own artistes and quite 90 per cent. of wireless enthusiasts make use of it.

To my mind, it expresses concisely and precisely what it is intended to convey. If one says, "Did you 'listen' last night?" in nine times out of ten the reply would be, "To what?" But "Did you 'Listener-in' last night?" instantly suggests wireless.

Yours faithfully,
London, N. L. A. L. H.

Official News and Views.

Gossip About Broadcasting.

Mrs. Wintingham, M.P., to Broadcast.

ON Wednesday, July 2nd, Mrs. Wintingham, M.P., will talk at the London Station on "The Work of a Woman Member of Parliament." This will take place at 4.10 p.m.

Manchester's Education Week.

In order to demonstrate the facilities offered by the Education Committee of Manchester, and to show the inter-connection of its schools and colleges, an Education Week will be held from June 22nd to 28th. To help the Manchester Education Committee in this work, the Manchester Station have agreed to broadcast a series of ten short talks from the studio during the week, and the inaugural conference on Monday, June 23rd, will be relayed from the Albert Hall, the Bishop of Manchester, Dr. W. Temple, being the chief speaker.

Half-Hours at Wembley.

Beginning on June 21st, the London Station is to broadcast a series of Half-hours at Wembley. It is hoped that the following programme will be arranged.

Saturday, June 21st: Band from the Lake Bandstand; music of Burmese Theatre, and possibly noises from Amusements Park.

Tuesday, June 24th: Dance Band from Dancing Hall and Carillon of bells from Vickers stand in the Palace of Engineering.

Saturday, June 28th: "Tongues of the Empire" talk from 9 o'clock, probably to 9.40, followed by Band from the Lake Bandstand.

Saturday, July 5th: Band from the Lake Bandstand; Noises from the Amusements Park and possibly Native Drums from the Gold Coast with descriptive matter.

The times of most of these transmissions will be from 9.30 to 10 p.m.

An Experiment in Pronunciation.

Mr. A. Lloyd James, lecturer in Phonetics to the University of London, at the conclusion of his recent talk from London on accents and dialects gave a little experiment in pronunciation. He gave four pronunciations of the words "poor" and "sure," and asked those interested to let him know which they preferred. Out of 475 votes, 392 were for the first pronunciation, 61 for the second, 2 for the third, and 4 for the fourth. From Scotland 51 votes were received, 39 for the first, 2 for the second and 10 against all four. Sixteen made a difference between "poor" and "sure."

"Tongues of the Empire."

On June 28th Mr. A. Lloyd James will give another interesting talk on "Tongues of the Empire." It will be illustrated by natives of our various colonies, mostly from the British Empire Exhibition at Wembley. Among the peculiar sounds which will be broadcast, as illustrations to his talk, will be the Zulu "click." It is a sound which only Zulus seem to be able to make. Another illustration will be from the Hausa language spoken in Nigeria. It is believed that this language was never heard in this country prior to the opening of Wembley, the first Hausas having come over to the Exhibition.

Chelmsford's New High-Power Station.

It is hoped that tests in connection with the proposed new high-power station at Chelmsford will be carried out on a 1600 metre wave-length on or about June 28th. The call sign will be 5XX.

A Talk on Sweden.

On June 25th a talk on Sweden will be delivered at the Cardiff Station by the Consul-General at Cardiff, Mr. R. G. Sahlin. The famous Swedish singer, Countess Marianne Marner, will also take part in this programme, as the talk is one of the Magic Carpet Series, which has proved to be highly popular.



Countess
MARIEANNE MARNER.

An Elizabethan Programme.

An Elizabethan Programme will be given at Cardiff Station on June 28th. The evening will be spent in the company of the great Elizabethan writers and musicians. Miss Margaret Glynne, who is an authority on the music of that period and who is arranging the programme, will first give a talk on the subject. The programme is designed to recreate the atmosphere of that period of English music.

An Interesting Debate.

A debate on social conditions will be broadcast on June 26th by the Newcastle Station. Mr. Will Coxon, of the North Eastern Labour College, will speak on the following subject, "That independent working-class education on industrial questions is essential for the workers." Mr. P. J. Ryan, of the National Alliance of Employers and Employed, will negative this motion and the chairman will be Mr. William Straker, Secretary of the Northumberland Miners' Association.

Broadcast Comedies.

The Newcastle Players' Repertory Theatre Company will give a dramatic night on July 1st at Newcastle. Two one-act plays will be performed—*Makeshif* and *Reddy*—both comedies, and both written by Gertrude Robins.

Wireless to Find a Flamingo.

Among the many odd S.O.S. requests received by the B.R.C., one of the strangest was that recently received by the Manchester Station. It came from the Manchester Zoological Gardens authority who asked the station to aid them in retrieving a flamingo which had escaped from the Zoo. Ten minutes after the message was broadcast, a listener rang up and reported the capture of a similar bird to the one missing from the Zoo. It was not the missing flamingo, however—this was found later—but a bird the identity of which has not yet been established.

Opera in July.

The following opera, to be performed by the British National Opera Co., will be relayed from His Majesty's Theatre, and broadcast during the month of July:—

July 1st.—*Il Seraglio*. Last Act.

July 2nd.—*The Perfect Fool*.

July 8th.—*La Bohème*. Act IV.

July 9th.—*The Magic Flute*. Act I.

July 11th.—*Le Coq d'Or*. Act II.

July 14th.—*Hug, the Rover*. Act II.

July 19th.—*Tannhäuser*. Act III.

A LISTENER in Sweden reports that with a three-valve receiver the British stations can sometimes be heard louder than Stockholm.

THE latest devotees of wireless are bargemen on the Thames and Medway. Quite a number of barges now have crystal sets and the men in charge and their families spend many a happy hour listening.

A Famous Elizabethan Song.

The Story of "Drink to Me Only with Thine Eyes."

AMERICAN visitors to this country often reveal a more intimate acquaintance with the history of places of interest, and even with English literature, than we who live where that history was enacted and where this literature was penned. If you were to ask an American what was the most famous of the older epitaphs in the Abbey—for that of the Unknown Warrior and of David Livingstone, have of late added distinction to them—he might probably reply "O Rare Ben Jonson!" and he would be right. But if he were farther required to quote a single line from "Rare Ben's" very voluminous writings, it is not improbable that he would, in 'versity language, be "ploughed."

Yet the first line of Jonson's song entitled "To Celia," is one of the best known in the language: "Drink to me only with thine eyes," and the song itself is one of those canons of language of which Elizabethan times were so

TO CELIA.

Drink to me only with thine eyes,
And I will pledge with mine;
Or leave a kiss but in the cup
And I'll not look for wine,
The thirst that from the soul doth rise
Doth ask a drink divine;
But might I of Jove's nectar sup,
I would not change for thine.

I sent thee late a rosy wreath,
Not so much honouring thee
As giving it a hope that there
It could not wither'd be;
But thou thereon didst only breathe
And sent it back to me;
Since when it grows, and smells, I swear,
Not of itself, but thee!

prolific. Palgrave, in his "Golden Treasury" of songs and lyrics, gives thirty-two of Shakespeare's lyrics and only three of Jonson's, yet of Jonson's career we know much and of Shakespeare's very little.

Indeed, what we do know of Shakespeare's life after he migrated to London, is chiefly derived from Ben Jonson himself, and is extremely meagre at that, whilst Jonson was the first Poet Laureate, and was the first to receive the annual "tierce of canary" which became the customary royal gift to the holder of the laureateship.

Shakespeare as Actor.

It is one of the puzzles of literary history that we should know so much of Jonson, and so little of his friend and fellow actor and playwright, Shakespeare, although Shakespeare was nine years his senior. It is, moreover, fairly certain that Shakespeare actually played a part in two of Jonson's stage pieces, although as dramatists they are as the poles asunder in point of merit.

It is often asserted that Shakespeare was too "unlettered" to write the plays attributed to him; but Jonson's work suffers from the very opposite cause. Jonson, in fact, was a "Westminster scholar," and accounted a man of great learning, and he is so anxious to show it, that almost all his work, with the exception of one or two lovely lyrics like "Drink to me only" and "Hymn to Diana," are spoiled by learned bombast.

Yet what would the world give to-day had there been a Boswell sitting among the wits of the Mermaid Tavern recording the conversation

of Jonson and Shakespeare, and the other "wits" of that wonderful age? There can be no doubt of one thing, that Jonson, like his namesake of a later time, Dr. Johnson, was, for a long period, regarded with affection by his contemporaries, and with great reverence by the younger poets of his day. He was the Great Panjandrum of tavern life, and it must be remembered that the tavern stood to Elizabethan and Jacobean times as the club stood to later times.

Like Dr. Johnson, too, he paid a memorable visit to Scotland, where he stayed with the poet known to literary annals as Drummond of Hawthornden, and it is he who has left a "character" of the great man which by no means sits on the side of charity.

A Harsh Criticism.

Drummond calls him "a great lover and praiser of himself, a contemner and scorner of others, given rather to lose a friend than a jest, jealous of every word and action of those about him . . . a dissembler of ill parts which reign in him, a bragger of some good that he wanteth—passionately kind and angry—oppressed with fantasy which hath ever mastered his reason." This summing up of Jonson's character must, however, be taken with the proverbial grain of salt, for there can be no doubt that the finest minds of his time, including the mighty Shakespeare himself, gave him their goodwill and admiration.

Jonson was several times in prison for no very sufficient reason, and on one occasion ran the risk of ending his day on the gallows. His mother had married a bricklayer as her second husband, and Jonson for a time worked at that humble occupation, and it is probable that an actor named Gabriel Spencer had made some slighting allusion to this fact. Be the reason what it may, a duel ensued in Hoxton Fields, and Jonson had the misfortune to kill his opponent. For this, he was tried for his life, and only escaped death "by benefit of clergy."

A Piece of Scandal.

The story has been told of how Jonson visited his old friend Shakespeare after he had retired to his native Stratford-on-Avon, and there, together with Drayton, another poet, made the creator of *Hamlet* drink so hard with them that their convivial meeting induced the fatal fever which brought Shakespeare to the grave, and ended the life of the greatest dramatist of all time. This, however, is a piece of scandal with which most students of our literature refuse to load the memory of either Shakespeare or his old cronies.

A. B. COOPER.

THE NATIONS AND THE NIGHTINGALES.

A CORRESPONDENT writing from Pettigrew, describing the pleasure he received in listening to the nightingale broadcast from Oxford, said that he and his friends "were very happy to felicitate the B.B.C. upon this remarkable result."

Similar letters were received from Belgium, Denmark, Spain, Italy, Ireland, as well as from a host of correspondents in the United Kingdom.

Mr. E. Kay Robinson, who gives the Natural History talks, and who assisted in the nightingale transmissions, was at one time editor of the *Civil and Military Gazette* in India, when he had with him Mr. Rudyard Kipling as an assistant. Mr. Kipling dedicated "Lala's Handicap" to him.

Television Troubles.

Disadvantages of Seeing By Wireless.

THERE used to be, and I suppose there still is, a law permitting the arrest of vagrants without visible means of support." To-day, however, that phrase seems to be much more applicable to wireless, than to destitution, for the sounds—from heart-beats to hurrahs and bee-buzzing to brass bands—that can now be flashed across the oceans and the continents, certainly do not require any carefully-laid wire tracks along which to travel to their destination.

Now while one may contemplate with justifiable enthusiasm, the wonderful happenings that have taken place and wait with eager curiosity for further development, there is room for speculation whether one form of that development will prove as acceptable as we imagine. It is all very well for clever inventors to tell us how wonderful the world is going to be when television comes in a few years time—or is it months?—but it is probable we are piling up for ourselves a whole heap of trouble.

That there will be certain advantages is obvious, and a new lease of life is assured to the B.B.C. when it becomes, as we must suppose it will, the British Broadcasting and Television Company.

A New Motto for the Shops.

For television will have intruded completely into the life of the community and be used for many other purposes than mere entertainment. The housewife will naturally order all her goods by the aid of the new method. When she telephones the butcher, she will be able to see what sort of chops he has to offer that morning. It will be the same with the fishmonger, or the florist, or the draper. "Shop by television" will be the new motto at the big stores.

At the cinema theatres, big events will be shown as they are happening all over the world, with additional thrills in between. You will be taken up with a pilot in an aeroplane and, as you listen to the roar of the engine, the world below will be seen with his eyes in order to let you participate in his experience without leaving the ground.

"Super" to Provide Enthusiasm.

But how many disadvantages there will be! Not long ago, London broadcast a very entertaining item, in which a man sang while in his bath, to the accompaniment of much splashing of water. Imagine that sort of thing being done by television!

Think, too, of other changes that may be brought about. With television we are to be able to see big functions—the race for the Derby, the big football matches, the Boat Race, and other important events, without going anywhere near them. But if we all do that, where will be the crowds that help to make these things so exciting? Will the British Broadcasting and Television Company be compelled to engage supers to provide the necessary enthusiasm?

A Spoiled Holiday.

Little irritations will increase. The telephone caller who is told that the man to whom he wants to speak is out, will certainly not believe it, if, at the same time, television clearly reveals him to be present. And what of the American who, arriving in London, has a glance by television of his home in New York and finds that he has left the electric light burning in the hall or left his front door open? He won't be able to turn that light out by television or close the door, and he will fret so much that his whole holiday will be spoilt.

Even worse will be the experience, perhaps, of his compatriots in New York who, by television, will see Londoners drinking cocktails while being compelled to remain parched and helpless!

GAUSSON F.F.R.

PEOPLE IN THE PROGRAMMES—GOSSIP ABOUT ARTISTES & OTHERS.

Learning the Cello at Seven.



MR. CEDRIC SHARPE.

scholar of the year.

Mr. Sharpe is a member of many noted chamber music organisations, namely, the Chamber Music Players, the Philharmonic String Quartette, the English Trio, and the newly-formed Virtuoso String Quartette. He has played as principal cellist in the Queen's Hall Orchestra, the Boreham Symphony Orchestra, Gossens' Orchestra, the British Symphony Orchestra, and the Albert Hall Orchestra.

Unlike many musicians, Mr. Sharpe is a great believer in the open-air life, and he is a keen golfer, tennis player and motorist.

During the war, Mr. Sharpe first of all served in the ranks with the Glamorgan Yeomanry, later obtaining a commission in the same unit. He was then transferred to the Tank Corps, with which he served in France.

Mr. Winston Churchill on "English."

A DISTINGUISHED politician who will be heard by wireless this week is the Rt. Hon. Winston Churchill, who, on June 27th, on the occasion of the Commemoration Day of the London School of Economics, will speak on "English."

As the writer of numerous books noted for their vigorous style, Mr. Churchill should be more than competent to speak on "English," and listeners should not fail to tune in at 6 p.m. on June 27th.

Mr. Churchill can be very witty when he likes and it is to him that we owe the following summing up of a Parliamentary candidate: "He is asked to stand, he wants to sit, and he is expected to lie."

Scottish Psalms Tunes.

ON Sunday, June 22nd, the Rev. Archibald Fleming, D.D., of St. Columba's (Church of Scotland), Port Street, will broadcast from London a talk on "Old Scottish Psalms Tunes." To add to the interest of the occasion, the talk will be "illustrated" by the singing of his church choir.

Dr. Fleming has been minister of St. Columba's Church since 1902, having previously been assistant minister of St. Cuthbert's, Edinburgh, Minister of Newton Parish, Midlothian, and of Tred Parish, Edinburgh. He is one of the most eloquent preachers now in London, and he has written a great deal for various newspapers and magazines.

A Famous Brass Band.

ON Sunday afternoon, June 22nd, the Luton Red Cross Silver Brass Band, which won the Thousand Guineas Trophy at the National Band Festival at the Crystal Palace, in September, 1929, will broadcast for the first time. This Festival is open to Great Britain and the Colonies, and to win the trophy is the ambition of all famous brass bands.

The Luton Red Cross Silver Brass Band has had a number of tunes specially written for it by various composers. On Sunday afternoon they will play "Tynemouth Abbey," by J. O. Hulme, whose band compositions are popular in many countries.

The International One-Act Players.



MISS ELIZABETH EVERARD.

THE popularity of the broadcast one-act play is increasing. A company that is specializing in that kind of production is the International One-Act Players, whose director is Miss Elizabeth Everard.

"I am of the opinion," said Miss Everard to me the other day, "that the one-act play may be, and very often is, as perfect a work of art as the finest of three or four-act dramas. With the help of my company, I hope to do for the one-act play what others have done in this country for the short story. We are anxious to establish the play-in-miniature in a place where this form of art may be honoured, seen, and heard. The one-act play is, of course, eminently suitable for broadcasting."

Listeners will have an opportunity of appreciating the work of Miss Everard's company on June 25th, for on that date various plays, including *The Stepmother*, by Arnold Bennett, will be broadcast from London.

A Clever Young Actress.



MISS JEAN CADELL.

THE part of Mrs. Prout in Mr. Arnold Bennett's above-mentioned play will be taken by Miss Jean Cadell. Miss Cadell is a clever young actress who is well known to theatre-goers for her life-like portrait of Miss Shoe, in *At Mrs. Beam's*, and also for her acting as the Scotch matron in Sir Gerald du Maurier's production of *London Pride* and the Caretaker in *Mary Rose*.

On June 25th Miss Cadell will also broadcast the part of the Queen in Schiller's *Don Carlos*.

An Authority On Gardening.



MRS. MARION CRAN.

LISTENERS who are fond of gardening can obtain a wealth of useful information from the fortnightly talks from London by Mrs. Marion Cran, F.R.H.S. Besides lecturing, Mrs. Cran has written a great deal on gardening and she is publishing a new book on the subject this autumn. Her name will live in horticulture, too, owing to the fact that a most beautiful species of Iris is called the "Marion Cran."

Mrs. Cran has travelled extensively and has held some important positions. In 1909 she was Commissioner for the Canadian Government to report on conditions for women in the North West, and in 1920 she was envoy through Africa, Australia, New Zealand, and Canada for the Imperial Association and British Press to report on conditions of migration within the Empire. She is also keenly interested in the theatre, her play, *The Shell of a Man*, having been produced at the Kingsway some years ago.

Hearing.



MR. GEORGE BLAKE.

AN interesting item in the Glasgow programme on Tuesday, June 24th, will be a one-act play entitled *The Mother*. The author, Mr. George Blake, who is a novelist as well as a playwright, came from Glasgow six months ago to be acting editor of *John o' London's Weekly*. Before coming south he was closely associated with the Scottish National Players, who have broadcast more than one item of their repertoire from the Glasgow Station in the past.

The Mother is a grim and tragic tale of Hebrewian life, but it is, in its nature, eminently suited for broadcasting purposes, being crisp in dialogue and direct in action.

There is an interesting coincidence in the fact that Mr. Blake's secretary, Miss Doris Champion, is to sing from the London Studio on the afternoon of June 23rd.

"Book Talks for Women."

IT is a happy thing to be born and bred among books and that has been the fate of the writer who signs herself "Marjory Royce." Her father was the late Sir William Robertson Nicoll, the distinguished editor and literary critic. Into their home poured, in an unceasing stream, the latest books on every subject under the sun.

"Marjory Royce" is a prolific writer, especially of children's stories, and she collaborated with her brother in the novel "Lord Richard in the Pantry."

Miss Royce, with her friend, Miss Meira Meighn, is broadcasting a series of "Book Talks for Women" this and next month from the Bournemouth Station.

The Child Idea.

LISTENERS since the early days will be interested to know that Miss Meira Meighn is the writer of "The True Story of Father Christmas," which was broadcast from London on the memorable first Christmas Eve at that station.

On that occasion, an amusing incident occurred. A little child who was listening to the story tried to squeeze herself into the loud speaker in order "to live with Santa Claus always in the Hall of Hearts!"

Miss Meighn, by the way, is also the author of the popular "Tales of the Fairy Dustman."

To Make Poetry Popular.

A TALK which aroused much interest was "Modern Scots Poets in the Vernacular," which Mr. Nutan MacWhannell, F.R.L.B.A., gave from Glasgow on June 10th. Mr. MacWhannell is an ex-president of the Scottish Burns Club, and also of the Scottish Song Society.

He is an enthusiastic worker for the Burns Club and endeavours to interest Burns Clubs in literature by keeping them in touch with the poetry of the day as well as that of the past. He has done much to popularize such modern poets as Charles Murray, Hamish Hendry, Violet Jacob, Walter Wingate, Dr. Rose, George Abel, Gilbert Rae, John Scellie Martin, and others.

Now that aerials are a common sight and housewives have seen the method of their erection, thousands of clothes-lines are being erected in the same way, as housewives find the two-wire principle an excellent idea.

WIRELESS PROGRAMME—SUNDAY (June 22nd.)

The letters "S.B." printed in italics in these programmes signify a simultaneous Broadcast from the station mentioned.

LONDON.

3.0.—Time Signal from Big Ben.
BALLET PROGRAMME.
THE LUTON RED CROSS SILVER PRIZE BAND
 Conductor, FREDERICK MORTIMER.
 GLADYS NAISH (Soprano).
 BEATRICE EVELINE (Solo Violoncello).
 STANLEY HOLT (Solo Pianoforte).
 The Band.
 March, "H.B. and C.F." *Hume*
 Selection from Tchaikovsky's Works
 arr. W. Rimmer
 Soprano Songs.
 "On Mighty Paws" ("The Creation") *Ravel* (1)
 "Caro Noun" ("Rigoletto") *Verdi* (1)
 Violoncello Solo.
 "Mélodie" *Frank Bridge*
 "Butterflies" *Hamilton Harty*
 "Idylle" *Ethel Barnes* (15)
 The Band.
 Tenor Poem, "Coriolanus" *Cyril Jenkins*
 Prof. ARTHUR J. IRELAND on "The Making of a Martyr—St. Alban."
 Pianoforte Solo.
 An Original Paraphrase on Well-known Melodies.
 The Band.
 Cornet Solo, "Shylock" *Lauri*
 (Soloist, Harry Mortimer)
 Moreau, "The Bella of St. Etienne" *Douglas* (1)
 Soprano Songs.
 Waltz Song from "Merrie England" *German*
 "The Lilac Tree" *George Gordon*
 Violoncello Solo.
 "Ave Maria" *Schubert*, arr. *Squire* (1)
 The Band.
 Reverie, "Tynemouth Abbey" *Hume*
 "La Caprice de Nanette" *Coleridge-Taylor* (1)
 Descriptive March, "A Turkish Patrol" *Michaelis* (1)
 Announcer: J. G. Broadbent.

5.0-5.30.—**CHILDREN'S CORNER. S.B. from Bournemouth.**

8.12.—**OLD SCOTTISH PSALMODY.**
 Examples of Typical Scottish Metrical Psalm Tunes by
THE CHOIR OF ST. COLUMBA'S
 (Church of Scotland), Post Street.
 Organist and Choir-master, T. ARNOLD FULTON,
 with a Short Address by
 The Rev. ARCHIBALD FLEMING, D.D.
 "Holy Father, Bless Our Way" (A. and M. 22).

9.0.—**DE GROOT AND THE PICCADILLY ORCHESTRA.**
 relayed from The Piccadilly Hotel.
 Overture, "Post and Peasant" *Suppi*
 CHARLES TRUE
 Prologue, "Flagstaff" *Leoniello*
 "Sea Fever" *John Ireland*
 Orchestra.
 "A Musical Jig-Saw" *Aston*
 Charles True
 "The Sun God" *William James*
 "Onaway, Awake, Beloved" *Crown*
 10.0.—**TIME SIGNAL FROM GREENWICH.**
GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations.
 Local News.
 10.15.—De Groot and The Piccadilly Orchestra
 (continued).
 Grand Fantasia, "Faust" *Gounod*
 10.30.—Close down.
 Announcer: C. A. Lewis.

BIRMINGHAM.

3.0.—**THE STATION MILITARY BAND.**
 March, "The Thin Red Line" *Rabbethin*
 Overture, "Crown Diamonds" *Auber*

Japan Nisserie, "Kesa-Ko" *Chopin*
 B. COOPER (Solo Euphonium).
 "Nazareth" *Unattributed*
 EDWARD LEIGH (Tenor).
 "If With All Your Hearts" ("Elijah") *Mendelssohn* (1)
 "Be Thou Faithful Unto Death" ("St. Paul") *Mendelssohn* (1)
 Band.
 Selection, "Irish Air" *Hartmann*
 "Sérénade Italienne" *Cochin*
 Mimo *Padorewski*
 Selection, "Stabat Mater" *Ravelli*
 Edward Lear.
 "Almighty Father Hear My Prayer" ("Rioni") *Wagner* (1)
 "I Will Arise" ("The Prodigal Son") *Sullivan* (1)
 Band.
 Three Pieces *Tchaikovsky*
 (a) "Barracuda"; (b) "Douce Rêverie"
 (c) "Petite Valse."
 Overture, "Le Trompette" *Batin*
 Introduction to Act III, "Lohengrin" *Wagner*
 Announcer: A. Pelham.

5.0-5.30.—**CHILDREN'S CORNER. S.B. from Bournemouth.**

8.0.—**RELIGIOUS SERVICE.**
 Conducted by
 The Reverend R. A. KING, B.D.
 Relayed from Saint Michael's Church, Handsworth.

8.30.—**THE STATION SYMPHONY ORCHESTRA.**
 Conducted by JOSEPH LEWIS.
 Overture, "Anderson" *Cherubini*
 Motet for Soprano Voice and Orchestra, "Exultate Jubilate" *Mozart*
 (Soloist, EMILY BROUGHTON)
 Finale Symphony in B Minor, "The Farewell" *Haydn*
 + Norwegian Dances, Op. 35 *Grieg*
 Emily Broughton.
 Aria, "Hear Ye, Israel" ("Elijah") *Mendelssohn* (1)
 Orchestra.
 "Scenata" *Musorgsky*
 "Bourrée and Gigue" *German* (11)

10.0.—**NEWS and WEATHER FORECAST. S.B. from London.**
 Local News.
 10.15.—Close down.
 Announcer: Percy Edgar.

BOURNEMOUTH.

3.0-4.45.—**BAND OF H.M. 12TH ROYAL LANCERS and DESMOND ROBERTS (Baritone).**
 Relayed from South Parade Pier, Southsea.

5.0-5.30.—**CHILDREN'S CORNER. S.B. to all Stations.**

8.30.—**ORGAN RECITAL.**
 Relayed from the Boscombe Arcade.
 ARTHUR MARSTON, Organist.
 Allegro, Moderato and Adagio from 1st Sonata *Mendelssohn* (11)

8.40.—**CHOIR of THE CHURCH OF THE ANNUNCIATION, Richmond Park.**
 Chorister, SIDNEY J. BINT.
 Motet, "O Bone Jesu" *Palestrina*
 Hymn, "O Sacred Heart" (No. 86, Westminster Hymnal).

8.45.—**Father PERCIVAL THIGGS: Religious Address.**
 Chair.
 Hymn, "Jesus, Gentlest Saviour" (No. 82, Westminster Hymnal).
 Motet, "Veni Sancte Spiritus" *Fogler*
 Organ Solo.

9.0.—**Latighetto in F Sharp Minor** *Wesley* (11)
 Cantilena in A Flat *Widderburn*
 Imperial March *Eggar* (11)

9.15.—**BAND OF H.M. 12TH ROYAL LANCERS.**
 Relayed from South Parade Pier, Southsea.

9.30.—**ORGAN SOLO.**

10.0.—**NEWS and WEATHER FORECAST. S.B. from London.**
 Local News.
 10.15.—Major STANLEY HOW: Readings from "Shelley."
 10.30.—Close down.
 Announcer: John H. Raymond.

CARDIFF.

3.0-4.30.—**Organ Recital**
 by JAMES B. SMART.
 Relayed from The Capitol Cinema.
 Vocalist, SYDNEY CHARLES (Tenor).
 I. "Wedding March" *Mendelssohn* (11)
 "Cantilene Pastorale" *Gounod*
 II. Arias.
 "Then Shall the Righteous Shine" ("Elijah") *Mendelssohn* (1)
 "Call Forth Thy Powers" ("Judas Macabeus") *Handel* (1)
 III. "Grand Offertoire in D" *Brahms*
 "There is a Green Hill" *Gounod* (11)

IV. Songs.
 "Homing" *Teresa del Riego*
 "Maire, My Girl" *Atkins*
 V. Selection, "In a Persian Garden" *Lohmann*
 "Humoreske" *Debrach*
 "Panfare" *Lemmens*

VI. Songs.
 "Sleep and the Rose" *Tate* (8)
 "I'd Build a World in the Heart of a Rose" *Nicholls*

VII. "Festive March" *Smart* (1)
 Announcer: C. H. King.

6.0-5.30.—**CHILDREN'S CORNER. S.B. from Bournemouth.**

8.10.—**THE CHOIR OF CLARE GARDENS WESLEYAN CHURCH.**
 HYMN, "Awake Our Souls, Away Our Fears" (Tune: "Samson").
 Anthem, "Abide With Me."
 The Rev. THOS. WEARNE, Clare Gardens Wesleyan Church, on "Psychology and Religion—Faith."
 HYMN, "Saviour, Again to Thy Dear Name We Raise."

9.40.—**Russian Symphony Night.**

THE STATION SYMPHONY ORCHESTRA.
 Conductor, WARWICK BRAITHWAITE.
 Solo Pianoforte, WILLIAM MURDOCH.
 I. Symphonic Poem, "Kikimora", Liszt
 II. Pianoforte Solo.
 Prelude in G Major (Op. 32, No. 5) *Rachmaninoff*
 Prelude in G Minor (Op. 22, No. 9) *Rachmaninoff*

III. Symphony No. 2 in B Minor, Borodin

IV. Pianoforte Solo.

Four Preludes (Nos. 17, 21, 22 and 18) *Chopin*
 Berceuse (Op. 57) *Chopin*

Waltz in E Minor *Chopin*

V. Dances from "Prince Igor", Borodin

10.0.—**NEWS and WEATHER FORECAST. S.B. from London.**

Local News.

10.15.—Close down.

Announcer: E. R. Appleton.

MANCHESTER.

3.0.—**Chamber Music Concert**
 by the "2XY" STRING QUARTETTE
 and HARRY MORTIMER (Solo Clarinet).
 Quintette in A for two Violins, Viola, Cello and Clarinet *Mozart*
 BEATRICE COLEMAN (Contralto).
 "A Swan" *Grieg*
 "I Love Thee" *Grieg*
 String Quartet.
 "The Nigger Quartette" *Dvorak*
 Beatrice Coleman.
 "The Dove" *Eric Fogg* (4)
 "Dawn Song" *Eric Fogg* (4)

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 542.

WIRELESS PROGRAMME—SUNDAY

(Continued from the facing page.)

The letters "S.B." printed in italics in these programmes signify a simultaneous broadcast from the station mentioned.

String Quartette.
"String Quartette" Hopkins
5.0-5.30.—CHILDREN'S CORNER. S.B. from Bournemouth.
8.0.—SIDNEY G. HONEY: Talk to Young People.
8.45. Choral Concert.
THE LEVENSULMAY UNITED CHORAL SOCIETY.
Conductor: ERNEST COOKSON.
Choral Epilogue, "It Comes From the Misty Ages" ("The Banner of St. George") Elgar (11)
"The Sea Hath Its Pearls" Pinza (11)
Part Songs "O Happy Eyes" Elgar (11)
"Break, Break, On Thy Cold Grey Stones" MacFarren (11)
Chorus, "As the Hart pants" Mendelssohn
9.10.—Religious Address and Hymns.
9.30. Choral Society.
"Hymn to Music" Dudley Buck (11)
Lullaby, "Sweet and Low" Barnby (11)
"By the Lone Sea-Shore" Coleridge-Taylor (11)
Part Songs "When Hands Meet" Pinza (11)
"The River Flows Strong" Rogers (11)
10.0.—NEWS and WEATHER FORECAST. S.B. from London.
Local News.
10.15. Choral Society.
"O, My Luv's Like a Red, Red Rose" Garret (11)
"O Peaceful Night" Ed. German (11)
"Moulin" Eaton Fanning (11)
"Sylvia" W. MacFarren (11)
10.30.—Close down.
Announcer: Victor Smythe.

NEWCASTLE

String Music and Glees.

3.0-4.30. ERNEST SHARP'S STRING QUARTETTE.
"Romance," Op. 27 Grieg
NEWCASTLE GLEE AND MADRIGAL SOCIETY.
Conductor, R. W. CLARK.
"Down in a Flowry Vale" Feste, 1641 (2)
"Who Ho! Shepherd" Brails (11)
"The Pixies' Welcome" Prendergast (11)
"The Image of the Rose" Reichardt (11)
(Soloist, R. Malin)
Quartette.
1st Movement, Op. 15 Dohnanyi
Madrigal Society.
"O Thou Whose Beams" Cross (11)
"Strike the Lyre" Cooke (2)
Quartette.
Allegro and Scherzo, Op. 18, No. 4 Beethoven
Madrigal Society.
"Yes, Cast Me from Heights
of the Mountaintus" Elgar (11)
"Whether I Find Thee"
"After Many a Dusty Mile"
"It's Oh! To Be a Wild
Wind"
"Feasting, 1 Watch," Op. 45
Quartette.
Allegro, Op. 51, No. 3 Brahms

5.0-5.30.—CHILDREN'S CORNER. S.B. from Bournemouth.
8.30.—5 NO. CHORAL SOCIETY OCTETTE.
Hymn, "My God, How Wonderful Thou Art" (A. and M. 189).
8.35.—The Rev. CANON OAKLEY, Vicar of Jeannond: Religious Address.
8.45. Octette.
"Praise to the Holiest" (A. and M. 172).

9.0. SIGMUND OPPENHEIM (Piano) and ERNEST SHARP (Violin).
Duet, Suite, Op. 11, Allegro, Andante, Scherzando Goldmark
SIGMUND OPPENHEIM'S QUARTETTE.
Piano Quartette, Op. 23, D Major, 1st Movement Dvorak
Ernest Sharp (Solo Violin).
"Ave Maria" Schubert-Wilhelmy
Sigmund Oppenheim (Solo Pianoforte).
"Ballad," Op. 38 Chopin
Quartette.
Piano Quartette, Op. 21, D Major, Thème and Variations, Finale Dvorak
10.0.—NEWS and WEATHER FORECAST. S.B. from London.
Local News.
10.15.—Close down.
Announcer: R. G. Pratt.

ABERDEEN

IRVINE S. COOPER (Organist).

MARY J. DAWSON (Contralto).
JAMES G. CAMERON (Tenor).
Relayed from the Music Hall.

3.0. Irvine S. Cooper.
Sonata No. 1 in F Major Mendelssohn
Allegro Moderato e serioso; Adagio; Andante Recitativo; Allegro assai Vivace.
3.15. Mary J. Dawson.
"Thanksgiving" Cesarini (11)
"He Was Despised" Handel (11)
3.25. Irvine S. Cooper.
"Fugue in B Minor" Bach (11)
"Prelude" Borodin
"Prelude Moderne" Mansfield
3.40. James G. Cameron.
"It is Enough" Mendelssohn (11)
"Lord God of Abraham" Mendelssohn (11)
3.50. Mary J. Dawson.
"God's Garden" Lambert
"O Divine Redeemer" Gounod
4.0. Irvine S. Cooper.
"To a Wild Rose" MacDowell
"At an Old Trysting Place" MacDowell
"To a Water Lily" (4)
Fantasia on "Uris Beata" Faubel (11)
4.15.—The Rev. A. S. CAIRNS, B.D., on "Foreign Missions."
4.30. James G. Cameron.
Litany Schubert (3)
"O God, Hush Me" Mendelssohn
4.40. Irvine S. Cooper.
Adagio in E Major Bridge (11)
Récit. Burritt-Watson
Offertory in A Flat Burritt-Watson
5.0-5.30.—CHILDREN'S CORNER. S.B. from Bournemouth.
8.30. THE WIRELESS ORCHESTRA.
Overture, "Ruy Bias" Mendelssohn
Overture, "Cossack tattoo" Mozart
8.50. LUCY WESTON (Solo Harp).
"L'Adieu" Schubert (11)
"Le Cygne" Saint-Saëns
(With Cello Accompaniment.)

WAVE-LENGTHS AND CALL SIGNS.		
ABERDEEN (2BD)	-	495 Metres
BIRMINGHAM (3TD)	-	313 "
GLASGOW (5SC)	-	420 "
NEWCASTLE (SNO)	-	400 "
BOURNEMOUTH (6BM)	-	385 "
MANCHESTER (2ZY)	-	375 "
LONDON (2LO)	-	365 "
CARDIFF (5WA)	-	351 "
PLYMOUTH (5PY)	-	335 "
EDINBURGH (2EH)	-	325 "
LIVERPOOL (6LV)	-	318 "
SHEFFIELD (6FL)	-	303 "

9.0. THE CHOIR OF ST. PAUL'S U.E. CHURCH.

Hymn 373.
The Rev. G. McGREGOR, St. Paul's U.E. Church: Religious Address.
Choir: Paraphrase 58.
9.15. Orchestra.
"Norwegian Rhapsody No. 1" Svendsen
9.25. FRANCIS KILOOUR (Contralto).
"Abide With Me" Liddle (11)
"Return, O God of Hosts" Handel (11)
9.35. Orchestra.
"Serenade, Op. 8" Tchaikovsky
"Spring Song" ("The Valkyrie") Wagner
9.50. Lucy Weston.
"Drink to Me Only" (Arr. Weston)
"Song My Mother Sang" Nutting
10.0.—NEWS and WEATHER FORECAST. S.B. from London.
Local News.
10.15. Frances Kilgour.
"He of All True Men" Schumann (1)
"Flow East My Tears" Somervell (1)
10.20.—Close down.
Announcer: A. M. Shinnie.

GLASGOW

3.0. THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
Overture, "Athalia" Mendelssohn
Selection, "Orphée aux Enfers" Offenbach
3.20. FLORA BLYTHMAN (Contralto).
"Remember Me, Dear Friend" Evelyn Sharp
"Beyond the Dawn" W. Sanderson (1)
3.30. Orchestra.
Suite, "Three Light Pictures" P. Fletcher
3.40. Flora Blythman.
"Sympathy" Charles Marshall (15)
"A Song of Thanksgiving" F. Alister (1)
3.50. Orchestra.
Andantino from Symphony No. 4 Tchaikovsky
4.15. Flora Blythman.
"Mulanwy" Dorothy Forster
"My Dear Soul" W. Sanderson (1)
4.25. Orchestra.
Operatic Selection, "Tannhäuser" Wagner-Turpin
Suite, "Dan César de Bézan" Monstey
5.0-5.30.—CHILDREN'S CORNER. S.B. from Bournemouth.
8.30. THE PSALMODY QUARTETTE.
Psalm 100 (Tune: "Old Hundredth").
8.35.—The Rev. W. WHYTE ANDERSON, M.C., M.A., of Bellahouston Parish Church: Religious Address.
8.50. The Psalmody Quartette.
Paraphrase No. 63 (Tune: "Newington").
8.55. JOSEPH FARRINGTON (Bass).
"It Is Enough" ("Elijah") Mendelssohn (11)
"In Summertime on Bradon" G. Peck
9.0. JOHN B. DICKSON (Solo 'Cello).
"Caprice Hongroise" Dunker
"Vesperale" Cyril Scott (4)
9.15. Joseph Farrington.
Recit., "I Feel the Deity Within."
Aria, "Arise, Arise, Ye Brave" ("Judas Maccabaeus") Handel (11)
9.25. John B. Dickson.
"Tarantelle" Pepper
"Gavotte No. 2" Pepper
9.40. Joseph Farrington.
"Song of Pan" Bach (11)
"When the King Went Forth to War" Koenigsmar
9.50. John B. Dickson.
Selected.
10.0.—NEWS and WEATHER FORECAST. S.B. from London.
Local News.
10.15.—Special Announcements. Close down.
Announcer: Herbert A. Carruthers.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 50.

WIRELESS PROGRAMME—MONDAY (June 23rd.)

The letters "S.B." printed in italics in these programmes signify a simultaneous broadcast from the stations mentioned.

LONDON.

4.0-6.0.—Time Signal from Greenwich. Concert: The Wireless Trio. "Beeskeeping" (1), by Arnold Richards; Alice Johnson (Soprano). "Holidaying in London," by Yeomen Cloud.

6.0-6.45.—CHILDREN'S CORNER: Sobe Story, "The Pig and Whistle," by E. W. Lewis. "Treasure Island," Chap. 19, Part 1, by Robert Louis Stevenson.

7.0.—TIME SIGNAL FROM BIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations except Manchester. JOHN STRACHEY (The B.B.C. Literary Critic): Fortnightly Book Talk. S.B. to all Stations except Manchester. Local News.

7.30.—"THE VALKYRIE" (Wagner). Act I, played by the British National Opera Company, relayed from His Majesty's Theatre, London. S.B. to all Stations except Manchester.

8.45.—"The Raven" (Edgar Allan Poe). Spoken by C. A. LEWIS.

9.15. **Edward MacDowell Programme.** MARGUERITE DAVIS (Soprano). ETHEL WALKER (Solo Pianoforte). A Short Talk on the Composer and his Work, by Ethel Walker.

Songs (4)

"Thy Beaming Eyes"
"O Lovely Rose"
"Slumber Song"
"My Love and I"
"My Jean"
Pianoforte Soli (4)

"March Wind," Op. 46, No. 10.
"To the Sea" ("Sea Pictures").
"Polaris," Op. 48.
"To a Water-lily" ("Woodland Sketches").
"From Uncle Remus" ("Woodland Sketches").
"Meditation"
"Hungarian," Op. 39.
"From a Log Cabin"
"Brer Rabbit"
"Concert Study," Op. 36.

9.54.—"From My Window," by Philomena.

10.0.—TIME SIGNAL FROM GREENWICH. 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations. Topical Talk. S.B. to other Stations. Local News.

10.30.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS, relayed from the Savoy Hotel, London. S.B. to all Stations.

11.30.—Close down.

Announcer: J. S. Dodgson.

BIRMINGHAM.

3.30-4.20.—Lozells Picture House Orchestra, Conducted by Paul Rimmer.

5.0-5.30.—WOMEN'S CORNER: Sidney Rogers, F.R.H.S., Topical Horticultural hints.

5.30-5.35.—Agricultural Weather Forecast.

5.35-6.30.—CHILDREN'S CORNER.

6.30-6.45.—"Teens' Corner: Uncle Felix on Naval History."

7.0.—NEWS and WEATHER FORECAST. S.B. from London. JOHN STRACHEY. S.B. from London. Local News.

7.30.—"THE VALKYRIE," Act I. S.B. from London.

8.45.—SPEECHES by Lieut.-Col. A. C. BLACKLOW, D.S.O., Commandant of the Australian Rifle Team, and The Rt. Hon. AUSTEN CHAMBERLAIN, M.P., relayed from Queen's Hotel.

9.30.—RONALD GOURLEY in an Interlude of Humorous Songs, Improvisations, and Mimicry.

10.0.—NEWS and WEATHER FORECAST. S.B. from London. Local News.

Major VALENTINE BAKER, Historical Travel Talk: "The Occupation of Rhodesia in 1890—The Works of the Egyptians—The Zerubbabel Ruins."

10.30.—THE SAVOY BANDS. S.B. from London.

11.30.—Close down.

Announcer: A. Pelham.

BOURNEMOUTH.

3.45-5.15.—Elliott and Douglas in Syncopated March and Harmony. THE ROYAL BATH HOTEL DANCE ORCHESTRA, relayed from King's Hall Rooms (Musical Director, DAVID R. LIFF). Talks to Women.

5.15-6.15.—CHILDREN'S CORNER.

6.15-6.45.—Schools' Half-Hour: H. J. A. Kerr, B.Sc., on "Insurance."

7.0.—NEWS and WEATHER FORECAST. S.B. from London. JOHN STRACHEY. S.B. from London. Local News.

7.30.—"THE VALKYRIE," Act I. S.B. from London.

8.45. **PIANOFORTE AND SONG RECITAL**

by HERBERT HEYNER (Baritone),

JULIETTE FOLVILLE (Solo Pianoforte).

Songs.

"Hark, Hark the Lark!" Schubert (1)

"Night" R. Strauss

"If Thou Wouldest See Thy Lover" B. Wolf

"At an Old Picture" B. Wolf

"Song of the Wind" B. Wolf

8.50. Juliette Folville.

Chaconne in G Major Handel

Study in E Minor, Op. 25, No. 6 Chopin

Scherzo from F Minor Sonata, Op. 5 Brahms

9.5. WINIFRED FISHER (Soprano).

"Les Lettres" (Werther) Massenet

"Wainata Poi" (Maori Song) A. Hall

"Cuckoo" Martin Shaw (2)

Accompanist, Chas. Leeson.

9.15. Herbert Heyner and Juliette Folville.

Songs.

"I Hate the Dreadful Hollow"

"A Voice by the Cedar Tree" (Song Cycle, "Maud")

"She Came to the Village Church"

"O that Twere Possible" Tennyson-Somerell (1)

"Come into the Garden, Maud"

10.25. Juliette Folville.

"Helvetia Waltz," No. 3 Vincent D'Indy

Prelude in D Major, Op. 23, No. 4 Rachmaninoff

"Triana" ("Iberia") Albeniz

9.40. Winifred Fisher.

"A Swan" Grieg

"With a Water Lily" Grieg

"Fair Spring is Returning" Saint-Saens

Accompanist, Chas. Leeson.

9.50. Herbert Heyner and Juliette Folville.

Songs.

"It Was a Lover and His Lass"

"Take, O Take, Those Lips Away" Quilter (1)

"Hey Ho, the Wind and the Rain"

"So Perverse" Bridge

"Trottin' to the Fair" Stanford (1)

"Good Ale" Warlock

10.0.—NEWS and WEATHER FORECAST. S.B. from London.

Topical Talk. S.B. from London. Local News.

10.30.—THE SAVOY BANDS. S.B. from London.

11.30.—Close down.

Announcer: John H. Raymond.

CARDIFF.

3.0-4.0.—The Station Trio and Cicely Farrar (Contractor).

5.0-5.45.—"SWA'S" "FIVE O'CLOCKS": Vocal and Instrumental Artistes. Talks to Women. Weather Forecast.

5.45-6.30.—CHILDREN'S CORNER

6.30-6.45.—"How to Think" (VI), by a Psychologist.

7.0.—NEWS and WEATHER FORECAST. S.B. from London. JOHN STRACHEY. S.B. from London. Local News.

7.30.—"THE VALKYRIE," Act I. S.B. from London.

8.45. **THE BESSES O' TH' BARN BAND.** Conductor: HARRY BARLOW.

Vocalist: ROMANO CLAROFF (Tenor).

I. March, "Harlequin" Rimmer
Overture, "Il Barbiero" Rossini (1)
II. "Dai campi, dai prati" Rossini (1)
"Giunto al passo estremo" ("Mefistofele") Boito
III. Cornet Solo, "Arlackleman" Hartman
(Soloist: W. Redworth.)

Selection, "Oboron" Weber
IV. "Addio Mignon" Boito
"Ah non credovil" ("Mignon") Thomas
ta"

V. Light Operatic Selection, "Bric-a-Brac" Franck

10.0.—NEWS and WEATHER FORECAST. S.B. from London. Local News.

10.15. VI. Waltz, "Wendische Weisen" ("Gang's Fantasy," "Reminiscences of Wolfe") Godfrey

"Land of My Fathers."

10.40.—THE SAVOY BANDS. S.B. from London.

11.30.—Close down.

MANCHESTER.

2.30-3.0.—MAINLY FEMININE.

3.30-4.30.—Cheadle District Central School Choir, Dr. C. S. Grundy (Solo Pianoforte). Whalley Range Girls' High School Choir.

5.10-5.45.—Farmers' Weather Forecast.

5.45-6.0.—Children's Letters.

6.0-6.30.—CHILDREN'S CORNER.

6.30-6.45. Mr. DESMOND MACMAHON Lecture on "Our Folk Music." A Talk on the Growth, Construction, and Appreciation of our National Songs and Dances, with Pianoforte Illustrations.

7.0.—INAUGURAL CONFERENCE—EDUCATION WEEK, relayed from the Albert Hall, Manchester.

8.0.—1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. Local News.

Vocal and Instrumental Concert.

8.15. NELL DAVIS (Soprano).

"Kirkland's Galley" Songs of Kennedy
"An Erisky" ("The Hebrides") Fraser (1)

Love Lilt JOHN BRIDGE (Solo Violin).

"Larghetto" Weber

"Scherso" Dittersdorf

WILFRED HINDLE (Tenor).

"O Vision Entwining Goring Thomas" (1)

"Flower Song" ("Carmen") Birtwistle

Nell Davis.

"What Torment, What Rapture" Tchaikovsky (1)

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

WIRELESS PROGRAMME—MONDAY (Continued from the facing page.)

The letters "S.B." printed in italics in these programmes signify a Simultaneous Broadcast from the station mentioned.

"The Letter" *Elvira Gambogi* (4)
John Bridge.
"Moment Musical" *Schubert*
"Fuga" *Tartini*
Wilfred Hindle.
"Onaway, Awake" ("Hiawatha's Wedding Feast") *Coleridge-Taylor* (11)
"The Brightest Day" *Easthope Martin* (5)
10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Topical Talk. S.B. from London.
Local News.
10.30.—THE SAVOY BANDS. S.B. from London.
11.30.—Close down.
Announcer: V. H. Goldsmith.

NEWCASTLE.

3.45-4.45.—Concert: May Conn (Solo Piano-forte), Mary Cahill (Soprano), Jack Bradbury (Solo Euphonium).
4.45-5.15.—WOMEN'S HALF-HOUR: Weekly News Letter, Mrs. McQueen on "Pan-dya Ramana".
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.30.—Scholars' Half-Hour: Mrs. G. Burns on "The Life of Thomas Edwards—A Scottish Naturalist".
6.45-6.50.—Farmers' Corner.
7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
JOHN STRACHEY. S.B. from London.
Local News.
7.30.—"THE VALKYRIE," Act I. S.B. from London.

Miscellaneous Evening.

8.45. THE STATION ORCHESTRA.
Conductor: WILLIAM A. CROSSE.
March, "Under the Double Eagle" Wagner
Overture, "Le Call" Thomas
MAY OSBORNE (Mezzo-Soprano).
"The Train" Schubert
"If I Might Love You" Ronald (b)
ELLA SCOTT (Elocutionist).
"Lochvar" Scott
"The Mermaid" Tennyson
Orchestra.
Waltz, "A Summer Evening" Waldteufel
Elia Scott.
"Grim" Service
"Going Home" Service
May Osborne.
"You and I and the Moon" Phillips
"The Flutes of Arcady" James
Orchestra.
"The Golden Moth" Novello
10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Topical Talk. S.B. from London.
Local News.
10.30.—THE SAVOY BANDS. S.B. from London.
11.30.—Close down.
Announcer: W. M. Shewen.

ABERDEEN.

3.30-4.30.—The Wireless Quartette and Bella W. Smart (Soprano).
4.30-6.0.—WOMEN'S HALF-HOUR: Mrs. James Hay on "The Girl Guide Movement".
6.0-6.30.—CHILDREN'S CORNER: Singing Game for the Tiny Tots.
6.40.—Girl Guides' News Bulletin, Boy Scouts' News Bulletin, Cubinistress Miss C. Norris on "Cub Camps."
7.0.—NEWS and WEATHER FORECAST.
S.B. from London.
JOHN STRACHEY. S.B. from London.
Local News.
7.30.—"THE VALKYRIE," Act I. S.B. from London.
"Everybody's Programme" AMY SAMUEL (Contralto).
JOSEPH FARRINGTON (Bass).
THE WIRELESS ORCHESTRA.
Orchestra.
8.45. Selection, "Ballad Memories" Baynes (1)

9.0. Amy Samuel.
"A Request" Woodforde-Finden (4)
"A Stray Nymph of Diana" Parry (11)
9.10. Joseph Farrington.
"Father O'Flynn" Stanford (1)
"Lighterman Tom" Squires
9.20. Orchestra.
First Movement of Septet Beethoven
9.35. Amy Samuel.
"Black Roses" Sibellus
"Faery Song" ("The Immortal Hour") Boughton (11)
9.45. Joseph Farrington.
"Song of Pan" Bach (11)
"Silent Noon" Vaughan Williams
10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Topical Talk. S.B. from London.
Local News.
10.30. Amy Samuel.
"Mon cœur s'ouvre à ta voix" Saint-Saëns (11)
"O Mio Fernando" Donizetti (11)
10.40. Joseph Farrington.
"Largo al Factotum" Rossini
"Mephistopheles Serenade" Gounod
10.50. Orchestra.
Selection, "La Kartoune" Widor
11.0.—THE SAVOY BANDS. S.B. from London.
11.30.—Close down.
Announcer: A. M. Shrimpton.

GLASGOW.

3.30-4.30.—The Wireless Quartette and Bert Bellwood (Musical Monologues).
4.45-5.15.—TOPICS FOR WOMEN: Topical Afternoon.
5.15-6.0.—CHILDREN'S CORNER.
6.0-6.3.—Weather Forecast for Farmers.
6.40-6.55.—J. BOYD ANDERSON, F.B.E.A., on "Esperanto in Radio."
7.0.—NEWS and WEATHER FORECAST.
S.B. from London.

JOHN STRACHEY. S.B. from London.
Local News.
7.30.—"THE VALKYRIE," Act I. S.B. from London.
8.0-10.0.—Operatic Night.
GLADYS PALMER (Contralto).
THE STATION ORCHESTRA.
Conducted by ISAAC LOSOWSKY.
8.45. Musical Comedy Selection, "The Cabaret Girl" Kern
8.55. "THE CONSTANT LOVER."
A Comedy by Sir John Bannister.
Characters: Evelyn Rivers SNOWIE B. LOGAN
Cecil Harburt GEORGE ROSS
Produced by GEORGE ROSS and "S.C.C." REPERTORY COMPANY.
9.20. Orchestra.
"Ministre Suite" Eric Coates (1)
9.32. Gladys Palmer.
"Flower Song" ("Faust") Gounod
"O Thank Me Not" Mulligan
"Sing, Break Into Song" Mulligan
9.42.—Dr. R. M. CAVAN, of the Royal Technical College, Glasgow, on "Chemistry at the Fireside."
10.0.—NEWS and WEATHER FORECAST.
S.B. from London.
Local News.
10.15. Orchestra.
Entr'acte, "La Cinquanteaine" G. Maria
10.20. Gladys Palmer.
"Orpheus With His Lute" E. German
"Time's Garden" G. Thomas
"I Know a Bank" M. Shaw
10.30.—THE SAVOY BANDS. S.B. from London.
11.30.—Special Announcements. Close down.
Announcer: Mungo M. Dewart.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 51.

EVENTS OF THE WEEK.

SUNDAY, JUNE 22nd.
LONDON, 8.15-9.0.—Illustrated Talk on Old Scottish Psalmody.
LONDON, 9.0-10.0 and 10.15-10.30.—De Groot and the Piccadilly Orchestra.
BOURNEMOUTH, 3.0-4.45 and 8.20-10.0.—Band of H.M. 12th Royal Lancers.
CARDIFF, 8.45-10.0.—Russian Symphony Night.
MANCHESTER, 8.45-10.0.—Choral Concert.

MONDAY, JUNE 23rd.
LONDON, 7.30-8.45.—"The Valkyrie" (Wagner), Act I., relayed from His Majesty's Theatre, London. S.B. to all Stations except Manchester.

MANCHESTER, 7.0-8.0.—Inaugural Conference Education Week, relayed from the Albert Hall.

BIRMINGHAM, 8.45-9.30.—Speeches by Lt.-Col. Blacklow, Commandant Australian Rifle Team, and the Rt. Hon. Austen Chamberlain, M.P., relayed from Queen's Hall.

TUESDAY, JUNE 24th.
BIRMINGHAM, 8.0-10.0.—Russian Programme.
CARDIFF, 8.30-10.0.—Welsh Music for Wembley.
MANCHESTER, 8.0-10.0.—Popular Glee and Madrigal Night.

WEDNESDAY, JUNE 25th.
LONDON, 8.0-10.0.—One Act Plays.
LONDON, 10.0-10.30 and 10.45-11.20.—"Aida," Act III. and IV., relayed from His Majesty's Theatre, London. S.B. to all Stations.

BIRMINGHAM, 8.0-10.0.—Operatic Night.
CARDIFF, 8.0.—"The Magic Carpet"—XVI., Sweden.
ABERDEEN, 8.30-9.45.—Vocal Dance Night.

THURSDAY, JUNE 26th.
LONDON, 8.0-10.0.—"The Mountainers," Musical Comedy, S.B. to Bournemouth.
BIRMINGHAM, 8.0-10.0.—Pack of Cards Concert Party.
CARDIFF, 8.0-10.0.—A Merry Evening with the Great Elizabethans.
NEWCASTLE, 8.0-10.0 and 10.15-10.45.—Operatic Evening.

FRIDAY, JUNE 27th.
LONDON, 8.0-8.30.—The Rt. Hon. Winston Churchill on "English," relayed from the London School of Economics. S.B. to all Stations.
BIRMINGHAM, 8.0-10.0 and 10.45-11.0.—Play Night.

BOURNEMOUTH, 8.30-10.0 and 10.45-11.0.—A Night with Coleridge-Taylor.
CARDIFF, 8.0-10.0.—"Il Trovatore," by Station Symphony Orchestra; May Slythe, Gladys Palmer, John Perry, William Michael, Joseph Farrington, "SWA" Choir.

ABERDEEN, 8.45-9.45.—"Cramond Brig," or "The Gudeman o' Ballan-giech."

SATURDAY, JUNE 28th.
LONDON, 6.0-8.0.—Empire Choir Concert, relayed from the Stadium, Wembley. S.B. to all Stations.
ABERDEEN, 8.30-10.0.—Russian Night.

WIRELESS PROGRAMME—TUESDAY (June 24th.)

The letters "R.R." printed in Red in these programmes signify a *Simultaneous Broadcast* from the station concerned.

LONDON.

1.0-2.0.—Time Signal from Big Ben. Concert: The Wireless Trio and Tom Booth (Bass-Baritone).

4.0-5.0.—Time Signal from Greenwich. Concert: "A Talk about Books," by Jenny Wen. Organ and Orchestral Music, relayed from the Shepherd's Bush Pavilion. "The Lore of Precious Stones—The Sapphire," by Violet M. Mackley.

5.0-6.45.—CHILDREN'S CORNER: "The History of Whittington," Part 3, by Andrew Lang. "The G.P.O.," by R. C. Andrews. Songs by Radius Parmoor (Mezzo-Soprano).

7.0.—TIME SIGNAL FROM BIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations.

Mr. GRAHAM SQUIERS, F.C.A., on "That Income Tax Form." Local News.

7.30 8.0.—Interval.

Musical Comedy Night.

ELIZABETH HAY (Soprano).
C. HAYDEN COFFIN (Baritone).
JOHN HENRY.
THE WIRELESS ORCHESTRA.
Conducted by DAN GODFREY, Jour.

B.D.—"Cheerio!" ("The Palace Girls' Dance") *Final*
Overture, "The Ardadians" *Monckton and Talbot*
Selection, "The Passing Show" *Final*
Soprano Songs.
"Bohemia" ("A Happy Day") *Rubens*
"Villa" ("The Merry Widow") *Lehar*
John Henry on "Visitors."
Baritone Songs.
"Who Sings of England?" *Clifford*
The Orchestra.
Four Dances from "The Rebel Maid" *Montague Phillips*
Soprano Songs.
"The Waltz Song" ("The Maid of the Mountains") *Fraser Simon*
"I Love You" ("Carminetta") *Emile Lussault* (3)
The Orchestra.
Selection, "Sally" *Kern*
Baritone Songs.
"Tommy Atkins" ("The Gaily Girl") *Potter*
"Jack's the Boy" ("The Geisha") *Monckton*

9.30.—HALF AN HOUR at the BRITISH EMPIRE EXHIBITION, WEMBLEY. S.B. to other Stations.

10.0.—TIME SIGNAL FROM GREENWICH. 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations.

Mr. A. R. WILSON, A.R.C.A. (London), "Some Ideas on Colour." S.B. to other Stations.

Local News.

10.30.—The Orchestra.
Selection, "The Lilac Domino" *Cuvellier* (6)
John Henry on "Behind the Scenes."
The Orchestra.
Selection, "To-Night's the Night" *Rubens*

11.0.—Close down.
Announcer: J. G. Broadbent.

BIRMINGHAM.

3.30 4.30.—Station Piano Quintette, under the direction of Frank Cantell.

4.30-5.0.—Agricultural Corner: G. C. Gongh, B.Sc., of the Ministry of Agriculture.

5.0-5.30.—WOMEN'S CORNER: Beatrice Dickson (Contralto).

5.30 5.35.—Agricultural Weather Forecast.

5.35 6.30.—CHILDREN'S CORNER.

6.30 6.45.—"Teens' Corner: Cyril Midgley, D.Sc., F.R.G.S., on "Weighing the Stars."

7.0.—NEWS and WEATHER FORECAST. S.B. from London.
Local News.

7.15 8.0.—Interval.

Russian Programme.

THE STATION ORCHESTRA.
Selection, "Egérie Ossian" *Tchaikovsky*
STRING QUARTETTE.
FRANK CANTELL (1st Violin).
ELSIE STELL (2nd Violin).
ARTHUR KENNEDY (Viola).
LEONARD DENNIS (Violoncello).
Andante Cantabile and Scherzo from Quartette No. 11 *Tchaikovsky*
ROMANO CIAROFF (Tenor).
"Why Does My Heart Beat So Quickly?" *Gorski*
"The Night" *Glinka*
"O Thou Sun, Red Sun" *Slonoff*
"Songs of Dolrins" *Nikitin*
* Orchestra.
March, "In the Steppes of Central Asia" *Borodin* (6)

"Chant sans Paroles" *Tchaikovsky*

"Clairon Indoue" ("Sadko") *Rimsky-Korsakow*

Second Movement from Symphony No. 6 *Tchaikovsky*

9.15.—Romano Ciaroff.

"Thoughts and Waves" *Tchaikovsky*

"In Spring" *Borodin*

"The Swan" *Glinka*

"The Anthem" *Tchaikovsky*

9.30.—HALF AN HOUR at WEMBLEY. S.B. from London.

10.0.—NEWS and WEATHER FORECAST. S.B. from London.

Local News.

D. STANLEY FRANCIS on "Forestry."

10.30.—Orchestra.

Selection from "A Life for the Tsar" *Glinka, arr. Godfrey*

Excerpts from "Casse Noisette Suite" *Tchaikovsky*

11.0.—Close down.

Announcer: A. Pelham.

BOURNEMOUTH.

3.45 5.15.—"Passing Fancy" Vaudeville Company, relayed from South Parade Pier, Bournemouth. Talks to Women. Ethel Howland (Solo Pianoforte).

5.15-6.15.—CHILDREN'S CORNER.

6.15 6.45.—Scholes Hall-Ham. E. Povah,

"Photography—Prints, etc."

7.0.—NEWS and WEATHER FORECAST. S.B. from London.

FRANK COWPER, M.A. (Oxon), on "Some of the Joys of Sailing and Cruising."

Local News.

7.30 8.30.—Interval.

8.30.—"Join in the Chorus Night."

All Songs with Orchestral Accompaniment.

THE WIRELESS ORCHESTRA.

and

"68M" CHORUS.

Under the Direction of

Capt. W. A. FEATHERSTONE.

Memories Song Mudley, "Tipperaryland" *Shipley Douglas* (6)

8.40.—ARTHUR ENGLAND (Bass-Baritone) and Chorus.

"Gipsy John" *Clay* (1)

"Father O'Flaherty" *Stanford* (1)

8.50.—MARJORIE and BRAN (Contralto) Chorus.

"Felix Kept on Walking" *David* (9)

"Maggie! Yes, Ma!" *Tucker* (7)

9.0.—Orchestra and Chorus.

Musical Jigsaw *Ashton*

9.10.—ADELINE SENIOR (Soprano) and Chorus.

"There is a Tavern" *Traditional*

"Listen to My Tale of Woe" *Traditional*

9.20.—GERALD KAYE (Tenor) and Chorus.

"Clementine" *Traditional*

"Mush, Mush" *Traditional*

9.30.—HALF AN HOUR at WEMBLEY. S.B. from London.

10.0.—NEWS and WEATHER FORECAST. S.B. from London.

Mr. A. R. WILSON S.B. from London.

Local News.

10.30.—Orchestra and Chorus.

Vocal Waltz, "Sea-Saw" *Crowe*

"Arthur England and Chorus.

"Simon the Cellarer" *Traditional*

10.40.—Adeline Senior and Chorus.

"My Bonnie" *Frey*

10.45.—Marjorie Bran and Chorus.

"You've Got To See Mama Every Night" *Traditional*

"Last Night On The Back Porch" *Brown and Schrammstader*

10.50.—Gerald Kaye and Chorus.

"Little Brown Jug" *Traditional*

10.55.—Orchestra and Chorus.

Fantasia, "Students' Song" *Shipley Douglas*

11.5.—Close down.

Announcer: John R. Raymond.

CARDIFF.

3.0-4.0.—Falkman and his Orchestra, relayed from The Capitol Cinema.

5.0-5.45.—"SWA'S" "FIVE O'CLOCKS".

Vocal and Instrumental Artistics. Talks to Women. Weather Forecast.

5.45-6.30.—CHILDREN'S CORNER.

6.30-6.45.—"How to Write" (VI.), by Guy Pocock.

7.0.—NEWS and WEATHER FORECAST. S.B. from Llandudno.

Local News.

7.15.—Mr. RICHARD TRESEDER, F.R.H.S., on "Gardening."

7.30 8.0.—Interval.

8.0.—RONALD GOURLEY in "Music and Humour."

8.10.—ERNEST THOMAS (Baritone).

"Molly O'Donegal" *Harold Austin*

"The Skipper of the 'Mary Jan'" *David Richards* (1)

"All My Very Own" *Barbara Hope* (1)

"Give a Man a Horse He Can Ride" *W. S. Dwyer Williams*

8.20.—Ronald Gourley in more "Music and Humour."

Welsh Music for Wembley.

8.30.—Address upon and Illustrations of the Music to be performed in the "ALL WALES WEEK" at WEMBLEY EXHIBITION.

Conducted and Directed by

Sir HENRY WALFORD DAVIES,

Mus. Doc., M.D., Director of Music, and

Chairman of the National Council of Music,

University of Wales.

9.30.—HALF AN HOUR at WEMBLEY. S.B. from London.

10.0.—NEWS and WEATHER FORECAST. S.B. from London.

Local News.

10.15.—The Rev. HUBERT G. STANLEY, on "Manners and Customs of Old England."

10.30.—Close down.

Announcer: A. H. Goddard.

MANCHESTER.

2.30-3.0.—MAINLY FEMININE.

3.30-4.30.—Harpurhey Girls' School Choir. Miss E. Allen (Solo Pianoforte). Abbot Street Boys' School Choir.

5.40-5.45.—Farmers' Weather Forecast.

5.45-6.0.—Children's Letters.

6.0-6.30.—CHILDREN'S CORNER.

7.0.—NEWS and WEATHER FORECAST. S.B. from London.

Local News.

7.15.—Talk by the City of Manchester Educational Committee: "Children in Nursery Schools and Classes."

7.30-8.0.—Interval.

A number against a musical item indicates the number of its publisher. A key list of publishers will be found on page 512.

WIRELESS PROGRAMME—TUESDAY (Continued from the facing page.)

The letters "S.B." printed in italics to these programmes signify a simultaneous Broadcast from the station mentioned.

8.0 Popular Glee and Madrigal Night

W. H. CRADOCK'S GLEE AND MADRIGAL PRIZE CHOIR

Part Songs

"When Handi Meet" ... *Parry* (11)
"In Autumn" ... *Brahms*
"The Falcon" ... *Brahms*
"Spanish Serenade" ... *Elgar* (11)
WINIFRED FISHER (Soprano).

"Breaking Love Lilt"

arr. M. Kennedy-Fraser (1)
"The Shadow March" ... *del Rio*
JOE LINGARD (Solo Flute)

Sonata No. 1 in E Minor ... *Handel*
Walter Sung: Country Fair ... *Franz* (obt.)

Part Songs:—
"The Voyager" ... *Feuer* (2)
"Anne Linn" ... *Traditional*

Winfred Fisher.

Negro Spirituals:—

"Swing Low, Sweet" ... *arr. H. T. Burleigh*
"I Got a Robe" ... *Joe Linnard*.

1st Arabesque ... *Debussy*
Etude ... *Boehm*

Part Song, "The Crusieen Lawn" ... *arr. Stewart* (11)

Stanzas, "Jerusalem" ... *arr. Stewart* (11)

9.30 HALF AN HOUR at WEMBLEY
S.B. from London.

10.0 NEWS and WEATHER FORECAST
S.B. from London. Local News

10.15—Talk by the City of Manchester Educational Committee. The Children of Elementary School.

10.30 Chorus

Part Songs:—
"In Silent Night" ... *Brahms*
"Love, Fair Thee Well" ... *Brahms*

"O Peaceful Night" ... *Ed. Gerstan* (11)

Choral Song, "The Dance" ... *Bavarian*

Handel ... *Elgar* (15)

Mass in J.S. Italian Sound ... *R. Gatti* (2)

11.0—Close down.

Announcer: Victor Smythe.

NEWCASTLE.

3.45-4.45—Concert: Hermann McLeod's String Quartette.

4.45-5.15—Women's Half Hour: The Rev. A. H. Ross on "Dickens at School," Norah Bails, Recitations

5.15-6.0—CHILDREN'S CORNER.

6.0-6.30—Scholars' Half-Hour: The Rev. A. H. Ross, "Fifth Social Project—William Wilberforce."

6.45-7.30—Farmers' Corner

7.0—NEWS and WEATHER FORECAST
S.B. from London.

Mr. J. L. GIBSON. French Talk.

Local News.

7.30 8.0 Interval

Panoramic and Drama.

ETHEL PAGE (Solo Part)

W. MACREADY (Dramatic)

Miss GODFREY TURNER (Recital)

Ethel Page.

Ballade in G Minor ... *Chopin*

The Sra.

"The Dragon Fly" ... *Polingren*

"Bird Song"

March from "Tannhäuser" ... *Wagner-Latz*

8.30. W. Macready and Miss Godfrey Turner Shakespearean Recitals.

Excerpts from "Hamlet," "The Merchant of Venice," "The Taming of the Shrew," and "Henry VIII."

9.0. "Married Life,"

An Original Farce in One Act.

9.30 HALF AN HOUR at WEMBLEY
S.B. from London.

10.0—NEWS and WEATHER FORECAST
S.B. from London.

Mr. A. R. WILSON. S.B. from London. Local News.

10.30—Close down.

Announcer: W. M. Stewart.

3.30-4.30. Operatic Afternoon by the Wireless Quartette and Isabelle B. Veitch (Contralto).

4.30-5.0—Women's Half Hour: Mrs. A. D. Hay, on "My Impressions of Wembley

5.45-6.30—CHILDREN'S CORNER: Betty Reid (Educational) and Louise Smith (Soprano).

6.40-7.0. J. W. CAMERON, M.A., on "School Cricket in Aberdeen" (No. 9 of Cricket Series)

7.0—NEWS and WEATHER FORECAST
S.B. from London.

Local News.

7.15-7.30 Interval

7.30 THE WIRELESS JAZZ ORCHESTRA

Waltz, "Tell Tales Twilight"; Fox-trot, "Silver Lining"; One-step, "Dance Your Shoes Away" (19); Fox-trot, "Sweetheart"; Waltz, "Queen of the North"; Fox-trot, "Sing Your Heart"; One-step, "Don't Get Fresh With the Ladies"; "Eighty Nine" (19).

8.0 D. O. M. NELSON, M.A., on "Crop Husbandry" (No. 3 of Series)

Classical Night.

DAISY RENNEDY (Solo Violin),

GLADYS PALMER (Contralto),

JULIAN ROSETTI (Solo Pianoforte).

Gladys Palmer.

8.30. "Largo" ... *Handel* (1)

"Art Thou With Me?" ... *Huch* (11)

"Creation's Hymn" ... *Beethoven* (1)

"The Peacock" ... *Schubert*

8.40. Daisy Kennedy

Violin Solo, Selected.

8.50 Julian Rosetti

Carnival, Op. 9 ... *Schumann*

"Star of Eve" ("Tannhäuser") ... *Wagner-Latz*

"Spinning Song" ... "The Flying Dutchman" ... *Wagner-Latz*

9.10. Gladys Palmer

"Cradle Song" ... *Byrd* (1)

"Weep Ye No More, Sad Fountains" ... *Dowland* (1)

"Whither Runneth My Sweetheart" ... *Bartlett* (11)

"When I Am Laid in Earth" ... *Bartlett* (1)

9.20. MAIL PENS

A Poem by Stephen Phillips

Marpessa ... *JOYCE TREMAYNE*

Idas ... *R. E. JEFFREY*

Speaker ... *E. B. B. LINKLATER*

Apollo ... *W. G. CRAIGIE*

Marpessa, being given by Zeus her choice between the God, Apollo, and Idas, a mortal, chose Idas.

Arranged for Broadcast by

JOYCE TREMAYNE in Collaboration with

R. E. JEFFREY

Daisy Kennedy.

Violin Solo, Selected.

9.30. Julian Rosetti

"Nocturne in C Minor" ... *Chopin*

Etude in F ... *Chopin*

Waltz in G Flat ... *Chopin*

Preludes in D Flat and B Flat Minor ... *Chopin*

10.30. Daisy Kennedy

Violin Solo, Selected.

11.0—Close down.

CHAPPELL WEBER BROADWOOD

pianos are in use at the various stations of the B.B.C.

3.0-3.30. Feature Afternoon by man Austin's "Musical Women" relayed from La Scala Picture House

3.30-4.30.—The Wireless Quartette and Arthur J. Ferland (Baritone)

4.45-5.15.—Topics for Women: J. H. Peggie, M.A., on "Twice Read Books."

5.15-6.0.—CHILDREN'S CORNER. Our Weekly Forty Five Minutes with the Smaller Children.

6.0-6.30—Weather Forecast for Farmers.

7.0—S.B. and WEATHER FORECAST.

7.0 S.B. and WEATHER FORECAST.

7.15-8.0 Interval

8.0—Scottish Night.

The Battle of Bannockburn—8th June,

1864

THE SCOTTISH NATIONAL OPERA

Conducted by ISAAC LOBOWSKY

THE SCOTTISH NATIONAL THEATRE

EDINBURGH

presents

THE SCOTTISH NATIONAL PLAYERS,
in a Triple Bill of One-Act Scottish Plays.

8.0—Orchestra.

Overture, "Fingal's Cave" ... Mendelssohn

8.15. "GLENFORBACH"

A Play in One Act by

John Gordone and A. W. Yule.

Anna McDougall, Housekeeper at Oskamill

ELLIOT C. MASON

McDougall of Oskamill

W. GRAHAM DOW

McKinnon of Glenormiston. R. B. WHARRIE

Elspeth Cameron, Daughter of Drakon. A

Highland Laird JEAN TAYLOR SMITH

Scene: The Ball at Oskamill, Eilean Arro,

Isles of Hebrides.

Time: 1760

8.30. JOHN B. DICKSON (Solo 'Cello).

Player, Cello. Musician and Poet

GRANVILLE BANTOCK

DAVID OPENSHAW (Bass-Baritone).

"A Jacobite Lament"

Old Highland Melody,

"Cobh's Castle"

Old Scottish Air. The

Lament of the Border Widow."

9.15. "THE MOTHER."

A Play in Two Scenes by George Blake.

Morag Gillespie ... ELLIOT C. MASON

Calum Gillespie, her Father-in-Law

ARCHIBALD BUCHANAN

Alastair Gillespie, her Son. R. B. WHARRIE

John Catin, the Factor

M. LEVACK RITCHIE

The Laird ... W. GRAHAM DOW

Scene: A West Highland Crofter's Cottage in Ardnamay.

Note.—To denote the passing of a few hours between Scenes 1 and 2 "Farewell to Bhata" ("The Boatman") will be

played as a Violin Solo by Isaac Leesky.

8.50. Orchestra.

"Three Scottish Symphonic Dances"

W. GRAHAM DOW

10.0.—NEWS and WEATHER FORECAST

S.B. from London. Local News.

10.15. "THE CRYSTAL SET"

A Comedy in One Act by John H. Bone.

Granny, who Lives with her Son

NEIL BUCHANAN

Wullie, the Son ... J. LEVACK RITCHIE

Gracie, his Wife ... GRACE MCHLERY

Scene: The Kitchen of a Small House in

Re-furbished.

Time: The Present.

Pat & Openshaw

C. J. Scott in Art "Sing

ing Johnnie"

Aberdeenshire Art. "The

Recess"

Old Hat and Art.

Herdwick Song"

11.0—Close down.

Announcer: Herbert A. Curneth.

A number against a musical item indicates the name of the publisher. A key list of publishers will be found on page 50.

WIRELESS PROGRAMME—THURSDAY (June 26th.)

The letters "A.B.C." printed in italics in these programmes signify a simultaneous broadcast from the stations mentioned.

MUSIC

1.0-2.0.—TIME SIGNAL from Big Ben. The Week's Concert of New Gramophone Records.

4.0-5.0.—TIME SIGNAL from Greenwich. Concert of the Wives Trio, "A Visit to Verona," by Helen Greg, Boulter, Anne Skidmore (Contralto). "The Story of Some Famous Combs," by Florence Thorne.

5.0-6.45.—CHILDREN'S CORNER: "The History of Whittington, Part 4, by Andrew Lang. Annette Hinde at the Piano. "A Trip Round the World—Buenos Ayres," L.G.M. of the Daily Mail. "Latest News from Zoo News."

7.0.—TIME SIGNAL FROM BIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations.

PERCY SCHOLES (the R.B.C. Music Critic): "The Fortnight's Music." S.B. to all Stations.

Talk by the Radio Society of Great Britain. S.B. to all Stations.

Local News.

7.35-8.0.—Interval.

"The Mountaineers."

A Musical Comedy in Three Acts.

S.B. to Bournemouth. Music by Reginald Somerville. The Book by Guy Eden and Reginald Somerville.

Produced and Conducted by L. STANTON JEFFERIES.

MUSIC

Pierre (Chief Custom House Official) WILLIE HARTIE

Jean REGINALD HERBERT Conrad ... EDWARD LEER | Lovers of Gustave (A Custom House Official)

FREDERICK LLOYD Sergeant Frederico KENNETH ELLIS Clarice (Pierre's Daughter) VERA LOWE Annette (The Village Coquette) GLADYS NEWTH

Miss Spinifex (A Travelling English Spinster) VIVIENNE CHATTERTON THE AUGMENTED WIRELESS ORCHESTRA

Period: The Early Part of Last Century. 8.0. Act I.—A Frontier Alpine Village. Act II.—Interior of Pierre's Chalet.

10.0.—TIME SIGNAL FROM GREENWICH 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations.

Lieut. Col. J. T. C. MOORE BRABAZON, M.C., M.P., on "How Racing Improves the Motor Car in General." Local News.

10.30. THE MOUNTAINEERS. (cont'd.) Act III.—A Frontier Alpine Village. (A few weeks elapse between Acta II. and III.)

11.0.—Close down. Announcer: J. G. Broadbent. Musical Numbers in the Opera. Act I.

1. Opening Chorus, "Hither Again on our Market Day." 2. Entrance of Clarice, "Many Happy Returns of the Day."

3. Song, "Was it the Sigh of a Passing Soul?" 4. Duet, "Like the Summer Lightning." 5. Song, "Travelling." 6. Diligence Chorus, "Once Again the Merry Tinkle."

7. Duet "If You'll Tarry in This Valley." 8. Song, "Doubting."

9. Quartette, "It Is Really Most Dazzling." 10. Song and Chorus, "The Legend of the Edelweiss." 11. Finale, Act I, "Fair Maiden at Your Word I'll Take You."

Act II

12. Opening Chorus.

13. Duet, "For Burg and Strie.

14. Duet, "Just Let Me Hold Your Little Hand."

15. Song, "Although My Hair is Grey."

16. Entrance of Sergeant and Song.

17. Song, "The Sort of a Husband for Me."

18. Quintette.

19. Chorus, "Good Night."

20. Song, "Sleep."

20a. Dream Pantomime Music.

21. Finale, Act II.

Act III.

22. Opening Chorus.

23. W. & B. Chorus, Clarice and Chorus.

24. Song, "I'm a Ship and the Wind."

25. Duet, "This Morning I Woke."

26. Chorus, "Chorus.

27. Entrance of Wedding Procession,

"Hail The Bride."

28. Ensemble, "Now I Must Leave Thee."

29. Finale, Act III, "Hum-a-tum-tum-tum."

MUSIC

3.30-4.30.—Station Piano Quintette: Conducted by Frank Castell.

5.0-6.30.—WOMEN'S CORNER: Florence Clayton (Soprano).

5.30-5.35.—1ST GENERAL WEATHER FORECAST.

5.35-6.30.—CHILDREN'S CORNER.

6.30-6.45.—TEENS' CORNER: George Handley, F.E.S., on "The Life and Habits of the Oyster."

7.0.—NEWS and WEATHER FORECAST. S.B. from London.

PERCY SCHOLES, S.B. from London, Radio Society Talk. S.B. from London. Local News.

7.35-8.0.—Interval.

Concert Party Night.

8.0. THE PACK OF FOXES CONCERT PARTY.

Directed by J. HORACE POTTER.

At the Piano—F. B. JUKES.

"Our Wireless Opening Chorus."

Potter and Jukes

An Original Musical Novelty.

"THE SEASIDE."

Spring:

The Queen sings "Spring's Awakening."

Summer:

Introducing "Archie, Algernon, and Aubrey."

Potter and Jukes

"The Greengrocer's Song."

Hennet (13)

"The Tragedy of an Ear."

Potter and Jukes

"Some Gardening Hints."

Potter

Autumn:

"The Song of the Highways."

Potter and Jukes

"The Circle of a Year."

Jukes

"The Pirates of Doty Bay."

Williams (13)

Winter:

"A Cozy Party."

Potter and Jukes

"A Doggy Duty."

Lee (7)

"I Love You."

Van Leunen (12)

X and Y

Potter and Jukes

"Winifred Fisher (Soprano)

"Waikiki Poi" (Maori Song)

Hill

"My Curly-Headed Baby."

Potter

"The Shadow March."

del Riego

GLADYS PALMER (Contralto).

"Soguindilla" ("Carmen")

Bix /

"O Beautiful England."

McKinley

"I'm a Little Teapot."

Garner

"The Arrow and the Song."

Bix (1)

"The Luck of the Irish."

Potter and Jukes

"A Second Visit to Pierrot and

Potter and Jukes

"The Ace of Hearts goes "Riding Through the Night."

Smith (1)

"If We Always Speak Nothing But The Truth."

Potter and Jukes

"Our Little Bungalow."

McGill (13)

"Topics Budget No. 3" "Potter and Jukes

An Interlude by the Ace of Clubs."

"The Ace of Diamonds and the Piano."

Some new "Limericks" about the "Pack."

Potter and Jukes

10.0.—NEWS and WEATHER FORECAST.

S.H. (1 p.m. London)

Local News

Major VERNON BROOK, M.I.A.M., on

Motors and Motoring

10.30. Gladys Palmer.

"Life and Death" Coleridge Taylor

A Bit of Old Singing Wood

"My Shop" Burritt (1)

10.45. Winifred Fisher

"Old Mother Hubbard" Hughes

Parodies "De, Foster" Hughes (1)

"Hey Diddle Diddle" Hughes

11.0.—Close down.

Announcer. A. Peckham.

BOURNEMOUTH.

3.45-5.15.—"Lies" R. G. Sowers (Oboe), H. L. Green (Flute), L. Lee (Piano), Mody Arnold (Contralto). Tales to Women.

5.15-6.15.—CHILDREN'S CORNER.

6.15-7.0.—Singers Half Hour: W. J. Blanton on "Puff No 1" Local

7.0.—NEWS and WEATHER FORECAST.

S.H. (1 p.m. London)

PERCY SCHOLES. S.B. from London, Radio Society Talk. S.B. from London. Local News.

7.35-7.45.—Interval

7.45. JOHN HENRY (Entertainer)

8.0.—"THE MOUNTAINEERS." S.B. from London.

10.0.—NEWS and WEATHER FORECAST. S.B. from London. Local News.

10.15. John Henry (Entertainer)

10.30. "THE MOUNTAINEERS" (Continued). S.B. from London

11.0.—Close down.

Announcer. John H. Raymond.

3.0-4.0.—Falkman and his Orchestra, relayed from The Capitol Cinema.

5.0-5.45.—"SWA'S" FIVE O'CLOCK. Mr. Isaac J. Williams, Keeper of Arts, The National Museum of Wales. Talks to Women.

5.45-6.30.—CHILDREN'S CORNER.

6.30-6.45.—Suggestions on the Appreciation of Music (V), by Frederick Nichols.

7.0.—NEWS and WEATHER FORECAST.

S.B. from London

PERCY SCHOLES. S.B. from London, Radio Society Talk. S.B. from London. Local News.

7.35-8.0.—Interval.

8.0. A Merry Evening with the Great Elizabethans.

Arranged and written by MARGARET GLYN.

Queen Elizabeth MARGARET GLYN

Durbidge SIDNEY EVANS

Kemp GEORGE BOUVERIE

Sir James Mawville DAVID THORNTON

10.0.—DOROTHY HELMICH Will sing

JOHN COLLINSON Elizabethan Songs.

HERBERT HEYNKE "SWA" SMALL CHOIR

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 541.

WIRELESS PROGRAMME—FRIDAY (June 27th.)

LONDON.

1.0-2.0.—TIME SIGNAL from Big Ben. Concert : The Wireless Trio and Constance Rend ~~Constance Rend~~.

4.0-6.0.—TIME SIGNAL from Greenwich. Concert : "A Talk on Fusion" by Nora Shandor. Lawrence McCann (Solo Violin). "Summer in Our Street," by Agnes M. Miall. Organ Music relayed from the Shepherd's Bush Pavilion.

5.0-8.45. CHILDREN'S CORNFEST. A Royal Princess," by Hans Christian Andersen. "Treasure Island," Chapter 1, relayed by Robert L. as Stevenson. Uncle Jack's Pictures. Wireless York.

6.0-6.45.—The Rt. Hon. WINSTON CHURCHILL on "English," relayed from the London School of Economics. S.B. to all Stations.

7.0.—TIME SIGNAL FROM BIG BEN. 1ST GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to all Stations.

Prof. A. J. IRELAND: Episodes in the History of England, "The Battle of the Standard." S.B. to other Stations.

Local News.

7.30 8.0 Local

KATHLEEN THOMSON (Solo Pianoforte). HAYWARD WEBB (Contralto). JAY KAYE (Entertainer). THE WIRELESS ORCHESTRA Conducted by DAN GODFREY, Junr.

8.0. Magda Siegel G. Siegel
Oscar ... Eva Duvallo 4.0.00
"Kewie" ... Si. a F. Wade
"My Ships" Barritt (1)
"The Gap in the Hedge" Old Irish (1)
Jay Kaye,
in an Impression of the famous Dan Leno:
"The Swimming Master,"
Concertstück for Pianoforte and Orchestra
Chamade

The Orchestra
Selections, "Carrie" Birel
Contralto Songs,
"An Old Garden" Hope Temple (1)
"John" Hermann Lohr
Another Jay Kaye Impression of Dan Leno
"Never More,"
The Intermezzo.

8.0. 8.30 No. 10.0. "Miserere"

10.0.—TIME SIGNAL FROM GREENWICH 2ND GENERAL NEWS BULLETIN and WEATHER FORECAST. S.B. to other Stations.

Topical Talk. S.B. to other Stations.

Local News.

10.30. The Orchestra.
Descriptive Piece, "A Southern Wedding" Lottier
Intermezzo, "The Butterfly" Bendix
Selection, "The Gipsy Princess" Nahas
11.0. Close down.

Announcer; J. G. Broadbent.

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2.20-4.30.—Lozells Picture House Orchestra,
Directed by Paul Rimmer.

5.0-5.10.—WOMEN'S CORNER: "What the
Board of Guardians Does for Children."

5.30-5.45.—Agricultural Weather Forecast.

5.45-6.0—CHILDREN'S CORNER.

6.0-6.45—The Rt. Hon. WINSTON
CHURCHILL *S.B.* from London.

6.45-6.55.—"Teens" Corner: R. Thibault,
French Talk, "Retour de Napoléon I."

7.0 NEWS and WEATHER FORECAST *S.B.*
from London.
Local News.

7.15-8.0—Interval.

Play Night

8.0	THE STATION COMPANY OF PLAYERS
	Directed by WILLIAM MACREADY.
	will produce
	"UNDER TWO FLAGS."
	adapted from the Novel by Ouida.
	Rude Flanagan PERCY EDGAR
	Zu-Zu ETHEL JOHNSON
	Bennie Leon Royalben (afterwards Corporal)
	" " E. STUART VINCENT
	Corotis (La Petite Reine) ETHEL MALPAS
	Lord Rockingham FRANK V. FENN
	Baron LEONARD THACKERAY
	Colonel Chateauroux (The Black Hawk) WILLIAM MACREADY
	Cigarette in V. (1)
	FINA GODFREY TURNER
	Marshal Lefleur JOHN ADAMS
N.B.	— The Characters are given in their order of arrival in the Play
Act I.	Bennie's Rooms in Mayfair
Act II.	—A Barrack Yard in Algiers—with the Foreign Legion.
Act III.	Scenes 1 Princess Corotis's Hotel, Algiers.
	Scene 2 The Barrack Yard.
Act IV	—Scene 1 Marshal Lefleur's Headquarters.
	Scene 2 The Barrack Yard.
	Incidental Music by
	THE STATION COMPANY OF PLAYERS
	Under the Direction of
	JAMES L. TURNER
10.0	NEWS at ATHENS FORECAST
	8 H. from Lamia.
	Local News.
10.15	DEAN & BENSHAW Boys & Girls
	"Blow, Blow, Thou Winter Wind" Quilter (1)
	"The Derby Hand" Burlesque
	"All My Very Own" (1)
10.30	COLIN BURDETT & CO. (1)
	George & Sons (1) The Bluebell (1)
	W. W. & L. (1) to the
10.45	Ernest Openshaw
	Young Jack Fletcher (1)
	Na Na Na (La Cuckoo Petal Quilter (1)
	The Wayfarer's Night Song Enthope-Morley (5)
11.0	Close down.

— 10 —

3.30.—Educational Talk by the Rev
RICHARD GROSVEOR BARTELLOT,
M.A., of Doreham, Talk on "Wessex."
4.0-5.3.—Friedrich C. Senzer's Trio J W
B. *Conductor*. John Finlayson
Paterno Senzer (Pianoforte)
Tunes to Wo [redacted]
5.15-6.0. CHILDREN'S CORNER.
6.0-6.45—The Rt. Hon. WINSTON
CHURCHILL, S.B. from London
7.0. NEWS and WEATHER FORECAST
S.B. from London
P. E. A. T. REED, S.B. from London,
Local News.
7.30-8.30. Interval.
"A Night with Coleridge-Taylor"
8.30. THE WIRELESS ORCHESTRA.
Conductor.
C. W. A. THAUMSTONNE
Bank Merc. Institute
8.45. "A TALE OF OLD JAPAN," (II).
GERTRUDE JOHNSON
(Coloratura Soprano).
DIANA WHISTON (Contralto).
HUBERT SMITH (Bass).
SYDNEY COLTHAM (Tenor).
THE "88M" CHORUS.
THE WIRELESS ORCHESTRA.
9.45. *Orchestra.*
"Pet le Suite de Concert"
10.0.—NEWS and WEATHER FORECAST
S.B. from London,
Topical Talk. *S.B. from London*,
Local News.

Orchestra

Intermezzo.	
16 35.	Gardula Johnson, Songs, Selected.
16 45.	Sidney Caltham, Songs, Selected.
16 55.	Orchestra.
11 0.—Close down.	Characteristic Voices."

CARDIFF

3.0-3.30. - Mr. J. STECER, B.Sc., Headmaster of North Bratch Central School, on "Travel." Fifth Special Talk to Schools.

3.30-4.15. Falkman and His Orchestra, relayed from The Capitol Cinema.

3.0-5.30. "SWAS" "FIVE O'CLOCKS." Vocal and Instrumental Artists. Talks to Women. Weather Forecast.

5.30-6.0. - CHILDREN'S CORNER.

6.0-6.45. - The Rt. Hon. WINSTON CHURCHILL, S.B. from London.

6.45-6.55. "A Simple Lesson in French" (I.I.). (Alternate week w.

7.0 NEWS and A SPECIAL FOR PLANT S.I. from London.

Locally:

7.15-8.0 ANTHONY DIXON, F.R.A.S., on "Astronomy."

7.30-8.0 J. R. A. S.

8.0. "H. THOMAS COKE" (Verdi). THE STATION SYMPHONY ORCHESTRA.

Conductor WARWICK BRAITHWAITE. Cast -

Conductor WARWICK BRAITHWAITE

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A number against a printed item indicates the name of its publisher. A key list of publishers will be found on page 241.

WIRELESS PROGRAMME—FRIDAY (Continued from the facing page.)

The letters "S.B." printed in bold in these programmes signify a Syndicated Broadcast from the station mentioned.

8.45—Jubilee Talk on "The Independent Order of Foresters".

9.0. RACHEL HUNT (Contralto) "Fr. in the Land of the Sky-Blue Water" (adman (1))

— Stars: Wences Montagu Phillips
"The Blue Rose" (1)

"The Midnight Review" (Glenco (1))

"Hope, the Hornblower" (John Ireland (1))

9.20. Dwy Kennedy.

"Omen" (Cesar Cui (1))

"Fair-haired Children" (Kreisler (1))

"Gradie Song" (Tor 4th (1))

"Shanty" (M. A. W. H. (1))

Rachel Hunt

"Whene'er a Snowflake Leaves the Sky" (Luis Lehmann (1))

"What's in the Air?" (Robert Eden (4))

10.0. NEWS and WEATHER FORECAST (S.B. from London) Local News.

Talk. "Education for Young Persons between 14 and 18 years of age" (Herbert Rudrook (1))

"Requiem" (Graham (1))

"Bright is the Ring of Words" (Prest (1))

"The Lute Player" (Eric Fogg (1))

"Farewell" (Eric Fogg (1))

Water Wagtail (Eric Scott (1))

10.50. Close down.

Announcer: Victor Smythe.

NEWCASTLE.

8.45-4.45. Concert: Gladys Wilts (Solo Pianist), Kate Gray (Mezzo-Soprano), Alice Robson (Solo Violin).

4.45-5.15. WOMEN'S LIFE HOUR (Miss Jowett on "Books Worth Reading" (Miss Blair) (Reviews).

5.5.50.—CHILDREN'S CORNER (The Rt. Hon. WINSTON CHURCHILL, S.B. from London).

6.0.50.—CHILDREN'S CORNER (Mr. R. W. Whiddon's "Artificial Maturity" (Part 1)).

7.0. NEWS and WEATHER FORECAST (S.B. from London) Prof. A. J. IRELAND (S.B. from London) Local News.

7.30. 8.1. *etc.*

Popular Evening.

8.0. THE STATION ORCHESTRA Conductor: WILLIAM A. CROSS. "Marche Glorieuse" (Volpatti) Overture, "Light Cavalry" (Suppe) WINTFRED FISHER (Soprano) (Dances) (Orchestra) "On Wings of Song" (Mendelssohn (1)) "The Devil May" (Roussel) (Orchestra) "Wanted Fauer" (Hansel and Gretel) (Orchestra) "I've got Rhythm" (Parry (1)) "Linden Lea" (Williams (1)) "At the Nigh" (Welch (1)) (Orchestra) "Believe in the Future" (Maurice and Talmi) English Folk Songs "Auld Lang Syne" (Sudor (1)) "Come, My Own One" (Butterworth) "O, Waly Waly" (Sharp) "I'm Seventeen Come Sunday" (J. (1)) Entr'acte: "Sing Beauty" (Rodd) "Bells of Bordeaux" (Smith (9))

9.35. MADAM MABANE about onset

10.0. NEWS and WEATHER FORECAST (S.B. from London) Local News.

10.15. George Bainbridge "Lowland Peat" (Branscombe (1)) "Captain Mac" (Sanderson (1))

10.25. Orchestra Three Dances, "Nell Gwyn" (Orman)

10.40. Close down. Announcer: W. M. Shaw.

ABERDEEN.

3.30-4.30. The Wireless Quartette and Janet MacFarlane (Soprano)

4.30-5.0. WOMEN'S HALF HOUR (Mrs. R. F. Robertson-Lamson on "Children as an Inspiration in Music," with Pianoforte (1))

5.10. 5.56.—CHILDREN'S CORNER: "Peeps into History—Alexander the Great, and Duran, King of Persia."

The Rt. Hon. WINSTON CHURCHILL (S.B. from London)

7.0. NEWS and WEATHER FORECAST (S.B. from London) Local News.

7.15-8.0. Interval

8.0.—Scholars' Half Hour: W. Douglas Simpson, M.A., F.S.A. (Sect.), on "History at Our Doortops" (No. 5 of Series)

8.30.—RONALD GOURLEY (S.B. from London)

8.45.—CRAMOND BRIG. (THE LITTLE MAN O' BALLOON) A Comic Drama in 2 Acts by William H. Murray (S.B. from London)

James the Fifth of Scotland R. E. JEFFREY (Surname the Gentleman o' Dallangiech) James Birks (of that Ilk)

E. B. R. EINKLAUER Jock Howes (Farmer of Brashead)

A. M. SHUNNIE Tam Maxwell (A Young Lair) A. W. GRAFTON Master Lindsay (Page at Holyrood)

ELMA REID Captain of the King's Guard

W. DUNDAS Crimes of Buffoons LAWRENCE WOOD Boston in Birks's (1) R. G. McCALLUM John (1) Pay. (1) IAN MCKAY Tribut Howes (Christine Crowe Marie Howes (Her Daughter)) JOYCE TREMAYNE Produced by JOYCE TREMAYNE in Collaboration with R. E. JEFFREY

9.45. THE WIRELESS ORCHESTRA Fantasy on the Works of Offenbach

10.0. NEWS and WEATHER FORECAST (S.B. from London) Local News.

11.0. The Reverend Dr. WHYTE, Kingswells, on "The Brightness of Stars and Their Distances."

11.30. Ronald Gourley (Entertainer) (Orchestra) "A Little Dutch Girl" (Kahan)

10.50. Ronald Gourley (Entertainer)

11.0. Close down. Announcer: A. M. Birks.

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GLASGOW.

PROGRAMME TO SCHOOLS.

3.0-3.15. ALEXANDER STEVENS, M.A. "Geography and Travel"

3.20-3.40. D. MILLAR CRAIG. "Music"

3.45-4.0. ALBERT LE GRIP French Talk

4.0-4.30. The Wireless Quartette

4.45-5.15. TOPICS FOR WOMEN (Mrs. Somerville, of the Glasgow and West of Scotland College of Domestic Science, on "Milk")

5.15. 5.56.—CHILDREN'S CORNER: "Ta Ta," "BBC's" French Auntie will give her weekly "French Chat"

5.55-6.0. Weather Forecast for Farmers

6.30. The Rt. Hon. W. N. CHURCHILL, S.B. from London

6.45. A. PARRY GUNN on "The Theatre of To-day"

7.0. NEWS and WEATHER FORECAST (S.B. from London) Local News.

7.15-8.0. Interval

8.0. Chamber Music—A Play. Light Orchestra. Singer, Mrs. A. M. HENRYSON. Pianist, Mr. A. M. HENRYSON. Piano Rec. Pavane (from Queen Elizabeth's Almanac Book). Air in G. Air in E Major on a Violin Bass. Sarabande in G Major. Minuet in G Major. Toccata in C Major Henry Purcell, 1659-1726. "Tell Me, Gentle Shepherd" (Byer, 1659-1726) "Under the Greenwood Tree" (Lotto Solo). Courante in D Major. Minuet in D Major (Maurice Greene, 1695-1755) "The Willow Song" (Orfeo) (William, 1647-1690) "A Summer Morning" (Somervell, 1665) (Piano Solo). "Romance" (Cyril Scott, 1879) "Plaid Dance" (Hamish MacCunn, 1868-1916) Songs "The Bells of San Marti" (John Ireland, 1876) "Over the Mountains" (Roger Quilter, 1877) 8.45-9.15. CRAMOND BRIG. (S.B. from Aberdeen)

9.45. ROMANO CLAROFF (Tenor). "Una furtiva lagrima" ("Eustro Amore") (L'Amour) "Cho grida mamma" ("La Bohème") (I'Amore)

10.0. NEWS and WEATHER FORECAST (S.B. from London) Local News.

10.15. Romano Claroff. "Rush Every Breeze" (James Hook, 1746-1827) "The Cloths of Heaven" (T. Dunhill) "When Night Descends" (Burkman-Felsted) "Spring Waters" (F. W. M. M. 1870-1920) 10.25. ORCHESTRA Conducted by ISAAC LOSOWSKY. Suite, "Glimpses of London" (Ivey) 10.30. Romano Claroff. "Mi pae d'ulir amot" ("Fécheux des Jacobins") (Wagner) (Musical) "The Flower Song" ("Carmen") (Bizet) 10.50. Orchestra. Musical Comedy Selection, "Little Nellie Kelly" (Cohan (6)) 11.0. Special Announcements. Close down. Announcer: Mungo M. Dewar

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on this page.

WIRELESS PROGRAMME—SATURDAY (Continued from the facing page.)

The letters "S.B." printed in italics to these programmes signify a simultaneous Broadcast from the Station and Studio.

3.10—L.S.R.—Yarne Street Boys' School Choir. Miss E. Allen (Soprano Pianoforte). Central High School for Girls Choir.

6.30-6.45—Talk on "Agricultural Education in Technology." G. H. C. of A. Art.

6.00—THE EMPIRE CHOIR CONCERT. S.B. from London.

8.00—NEWS and WEATHER FORECAST. S.B. from London.

Local News.

8.15—**Dance Night.**

MASSEY'S DANCE BAND. Waltz, " Alone with You "; Fox-trot, " Steamboat Sal "; Fox-trot, " House of David Blues "; Waltz, Selected. One-step, Selected. Fox-trot, " Clover Blossom Blues".

1.45 R. B. TOSWILL (Baritone). Waltz, " Song of Ireland "; Fox-trot, " Love ".

JEAN GORDON (Entertainer). " Pasadena " ... Hilda Clark and Leslie Music, Warren (9).

Hornby Song ... Rose and Carter (7). Special: " Mr. Hugh, Gilbert, Conley, and Murray (9).

Dance Band. Fox-trot, " Bay It with a Ukelele " (8). Waltz, " Barcarolle "; Fox-trot, " Lish put " (10); Waltz, " Cousin From No-where " (6). One-step, " Think of Me "; Fox-trot, Selected.

Harry Hopewell. " Honour and Arms " (" Samson ") Handel (11).

" Mother Loves Me ". Stanley and Ally (8). Harry Hopewell.

Waltz, Selected. Fox-trot, " Down in Sweetheart Town "; Fox-trot, " Maybe " (8); One-step, Selected. Fox-trot, " Parade of the Tin Soldiers."

10.00—NEWS and WEATHER FORECAST. S.B. from London.

Talk on " Evening Play Centres and School Camps." Local News.

10.30—THE SAVOY BANDS. S.B. from London.

12.00—Close down.

Announcer: Victor Smythe.

3.45-4.45—Concert: The Station Light Orchestra.

4.45-5.15—WOMEN'S HALF HOUR. Miss J. English on " French School Life. French Revolutions."

5.15-6.00—CHILDREN'S CORNER.

6.00—THE EMPIRE CHOIR CONCERT. S.B. from London.

8.00—NEWS and WEATHER FORECAST. S.B. from London.

Major L. B. TOSWILL. S.B. from London.

Local News.

Dance Music and Humour.

8.30—ETHEL FOWLES (Soprano). " I Love You Rose " Phillips. " I Love the Moon " Rubens.

THE STATION ORCHESTRA.

Conductor: WILLIAM A. CROSS.

One-step, " Wembly at Wembly " (6).

Waltz, " The Pearl Girl "; Fox-trot, " Boys ".

ARTHUR BALD FAUCETT.

" Telling the Tale " Square (18).

" The Street-Warrior's Story " Winter (3).

One-step, " Wait for the Sunshine " (8).

Waltz, " Mum " Fox-trot, " Pasadena " (9).

John Fowles.

" Down in the Forest " Ronald (5).

" Moonstruck " Monckton.

Archibald Farburn.

" Round's Guide to London " Rome (13).

8.30—HALF AN HOUR AT WEMBLEY. S.B. from London.

10.00—NEWS and WEATHER FORECAST. S.B. from London.

10.00—Sir SIDNEY HARMER. S.B. from London.

Local News.

10.30—THE SAVOY BANDS. S.B. from London.

12.00—Close down.

Announcer: W. M. Shewen.

3.30-4.30—The Wireless Quartette and Connie Seatter (Soprano).

4.30-5.0—WOMEN'S HALF HOUR.

5.0-5.25—This Week's Interesting Anniversary. " The Battle of Bannockburn," June 24th, 13.4.

5.25-5.55—CHILDREN'S CORNER: " Woolly Willy, the Snowway ".

6.00—THE EMPIRE CHOIR CONCERT. S.B. from London.

8.00—NEWS and WEATHER FORECAST. S.B. from London.

Local News.

8.15—JAMES M. HOWIE, Auction Mart Manager, on " Auctioneering as a Profession.

Review Night.

ROMANO CLAROTT (Tenor).

NANCY LEE (Soprano).

THE WIRELESS ORCHESTRA.

Orchestra.

" Prince Igor Ballet " Borodin (11).

8.45—Romano Clarott.

" Why Does My Heart So Quickly Beat? " Gounod.

" The Night " Gounod.

" O Thou Sun, Red Sun " Sloaneff.

" Songs of Dobrink " Nikolich.

9.00—Nancy Lee.

Romance from D Minor Concerto. Wienawka.

Canzonetta from Concerto ... Tchaikovsky.

9.15—Romano Clarott.

" Reverie " Gounod.

Air and Cavatina of Vladimir (" Prince Igor ") Borodin.

" Au Printemps " Blumenthal.

10.00—NEWS and WEATHER FORECAST. S.B. from London.

10.00—Sir SIDNEY HARMER. S.B. from London.

Local News.

10.30—THE SAVOY BANDS. S.B. from London.

12.00—Close down.

Announcer: Mungo M. Dewar.

9.30—HALF AN HOUR AT WEMBLEY. S.B. from London.

10.00—NEWS and WEATHER FORECAST. S.B. from London.

Sir SIDNEY HARMER. S.B. from London.

Local News.

10.30—THE SAVOY BANDS. S.B. from London.

12.00—Close down.

Announcer: W. D. Simpson.

GLASGOW.

3.30-4.30—The Wireless Quartette and Alexander Henderson (Bass).

4.45-5.15—TOPICS FOR WOMEN: Miscellaneous Afternoon.

5.15-5.55—CHILDREN'S CORNER " At Home " Day for Children of all Ages.

5.55-6.0—Weather Forecast for Farmers.

6.00—THE EMPIRE CHOIR CONCERT. S.B. from London.

8.00—NEWS and WEATHER FORECAST. S.B. from London.

Major L. B. TOSWILL. S.B. from London.

Local News.

Dance—Humour—Song.

8.30—THE STATION ORCHESTRA. Conducted by ISAAC LOSOWSKY.

Fox-trot, " Down on the Farm "; One-step, " The Oom-Pah Trot "; Blues, " If I Can't Get the Sweetie I Want " (3).

Fox-trot, " Marcheta ".

8.40—RONALD COURLEY (Entertainer).

" Music and Humour ".

8.50—WINIFRED FISHER (Soprano).

" Waiata Poi " (Maori Song) A. Hill.

(By Request.)

" The Night Nursery " C. Arundale.

" The Shadow March " ... Tresor del Riego.

9.00—Orchestra.

Waltz, " Dreamy Melody "; One-step, " Barney Google ".

9.10—Ronald Courley.

" Music and Humour ".

9.20—Winifred Fisher.

" Sweetie Sillie " ... H. Hughes (1).

Parodies (" A Frog He Would " H. Hughes).

9.30—HALF AN HOUR AT WEMBLEY. S.B. from London.

10.00—NEWS and WEATHER FORECAST. S.B. from London.

Sir SIDNEY HARMER. S.B. from London.

Local News.

10.30—THE SAVOY BANDS. S.B. from London.

12.00—Close down.

Announcer: Mungo M. Dewar.

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VERDI'S "AÏDA"

ACTS III and IV of this Opera, as performed by the British National Opera Company are to be simultaneously broadcast from His Majesty's Theatre on Wednesday. Acts I and II having been thus broadcast last week. A summary of the plot of the whole opera is here given:—

ACT I.

RAMFIS, High Priest of the Egyptians, tells RA. AMEN that it is decreed that he shall lead the army against the Ethiopians. Radames is deeply in love with a captive at the Egyptian Court, AÏDA, daughter of the Ethiopian King, AMONASRO. AMNERIS, the Egyptian Princess, also loves Radames, and finding him cold, watches him and Aïda.

ACT II

AMNERIS, preparing to receive RADAMES, who is returning in triumph, tricks Aïda into disclosure of her love, by telling her, falsely that Radames has been killed. The victorious army returns. At RADAMES' request, the King spares the captives (among whom is AMONASRO), the King further bestows the hand of Amneris upon him, and proclaims him his heir.

ACT III

The scene is laid on the banks of the Nile, at night. From the Temple of Isis in the background can be heard the sounds of war trumpets. The High Priest, RAMFIS (Bass) brings AMNERIS (Contralto) to pay her bridal vows, and they enter the Temple.

AÏDA (Soprano) now appears, waiting for Radames. She contemplates throwing herself into the Nile, and thinks of her native Ethiopia. Her father, AMONASRO (Baritone), comes to her, and after an effort, persuades her to win over Radames.

AMONASRO hides when RADAMES (Tenor) joins Aïda. Aïda persuades RADAMES to fly with her, as he announces their path of escape. AMONASRO appears, RADAMES cries out passionately as realization comes to him.

AMNERIS arrives, followed by RAMFIS with guards, who arrest RADAMES—the Ethiopian King and his daughter escaping.

ACT IV.

There are three scenes. In the first two AMNERIS tries to persuade RADAMES (who enters guarded) to forsake Aïda and submit himself to her, as a mediator on his behalf.

Then, in the judgment scene she heaps her curses on the High Priest and the other priests who condemn him to be buried alive.

The stage in the final scene is divided into two floors; above, in the glittering Temple of Vulcan are dancers and priests, below is seen RADAMES in his tomb. Aïda has buried herself with him, and together they sing their farewell to life.

AMNERIS throws herself despairingly on the covering of the vault. The curtain falls.

LIADOF'S "KIKIMORA."

Liadof was born in 1853 and died in 1914. *Kikimora* is a good example of his delight in witchcraft. It is a picture of a figure from Russian folk-lore thus described in the score:—

"Kikimora lives and grows with the Sun, *lives* in the rocky hills. From morn to evening the wise Cat tells her tales of wondrous lands. For seven years has Kikimora been growing up. Slender and

dusky as Kikimora, her head is the size of a thumb and her body as slender as a wisp of straw. Kikimora bowls and complains from morn to even, Kikimora houses and whistles from twilight to midnight. From midnight to dawn she sleeps. And as she sleeps, Kikimora plots evil and sets all mankind."

Such is the picture to be conjured up by the composer. He helps himself by using the Celesta (a sort of small Piano with glass bars for wires) and Xylophone (an instrument with wooden blocks tuned to definite pitches).

Kikimora is to be broadcast from Cardiff on Sunday.

BORODIN'S SECOND SYMPHONY.

This powerful work was completed in 1877. It is in four movements, the third passing on broken into the fourth.

I. Quick. At the very outset are reiterated two short, emphatic, almost menacing, phrases in all the strings. These, together, constitute the FIRST MAIN TUNE. It is answered by the SECOND MAIN TUNE—a similar, slightly quicker, phrase in Wood Wind.

These tunes are repeated, working to a climax; then a quietening-down prepares us for a fresh Tune, another little climax intervenes, but almost at once, arrives the THIRD MAIN TUNE (Bassoon Solo)—a peaceful melody, starting high up in the Celloos. It is taken up by Wood Wind, then by all strings. At last, at the climax, Trombones and Tuba break in with the FIRST TUNE (in slightly slower notes), and the Movement proceeds to development of this material and a final Re-statement of it.

II. (Scherzo).

Very Fast. There is no obvious melody in this Movement Scherzo—a "joke"—used here in the broad sense of a caprice. It opens with a discordant chord in the Brass, then Horns set up a continuous rapid repetition of one note. Against this, *pizzicato* (i.e., plucked) STRINGS play the MAIN TUNE—a brief rising phrase, starting in the Bass, rising to the Treble and descending again. Its descent is accompanied by Wood Wind.

The Movement develops practically continually from this. Eventually it dies away to the MIDDLE SECTION (or Trio). Fairly Quick. This, in contrast, is a delicate, folk-song-like melody, very daintily orchestrated. It starts with the Tune in Oboe, accompanied by Flute, Clarinet, Bassoon, and two Horns on the weak beats, Triangle and Harp respectively on the strong and weak beats.

After some time the FIRST SECTION of the Scherzo returns, and is repeated much as before.

III.

Gently Moving. This is a Movement of the quiet, reflective type that hardly calls for analysis. Attention should be given to a Solo Horn which plays a soft melody at the beginning, the Solo Clarinet repeats. After various intermediate matter, a long, noble decamation of this initial Tune, dying away, leads into—

IV.

Quick. This Movement defies description. It is in great contrast to all that has gone before, being a continuous flow of high spirits.

(Borodin's Second Symphony is to be broadcast from Cardiff on Sunday.)

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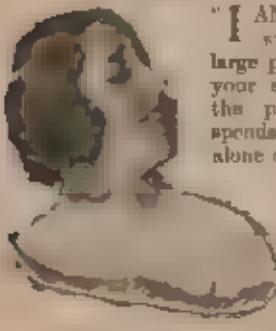
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Singing to the World.

By Marguerite D'Alvarez, the World-Famous Contralto.

In the following article, Mme. D'Alvarez, who recently gave a special recital at London Station, describes her feelings when facing her audience. Mme. D'Alvarez is now touring the principal cities and towns of the North of England, North Wales and the South Coast.



"I AM only a voice that sings in a strange large place," wrote one of your sweetest poets, and the public singer, who spends much of her life alone on a platform, does sometimes feel that strange loneliness.

The wandering minstrel of other days must have felt it, too—coming into the life of town after

town, village after village, and everywhere as a stranger. Yet the men in the ale-benches and the people clustered in the market-place often invited him to share their festivities.

We modern singers have our advantages, and we are often lucky enough to make friends as we go. But when we suddenly face a vast audience in a town which was yesterday unknown to us, I think that our loneliness is greater than the wandering minstrel of the Middle Ages ever felt.

A Terrible Moment.

A voice! A voice in a strange large place—a place packed with people, and all strangers! That moment when I come forward and smile and bow to my audience, is sometimes a very terrible one. In an opera it is quite different, there you are a character in a play, you are masked, and in a masquerade "yourself" does not matter.

The feeling soon passes, for if the audience likes you (and my audiences have been very generous), the response is almost instantaneous. It is not so much the applause which may follow

a song, but the solemn hush which fills the hall and makes you feel you hold it.

And yet it is not you. It is the voice—the voice to which you sometimes listen as if it were a thing apart. You yourself are as lonely as ever, perhaps more lonely. All your personal interests are of no importance, it is only the voice that matters, and you stand there listening, watching, and feeling very small and mean.

The Singer Behind the Song

I am thankful to say that I have many friends, and I know that many of them like me for myself. And yet I shudder to think what would happen. . . . However, we will not think of that. I am proud, too, to believe that my audiences soon become my friends. Heaven knows I have had proof of that in the most charming ways. And, indeed, it thrills me when I find they have discovered the singer behind the song and the woman behind the singer, that something of Marguerite D'Alvarez has become known to them through her singing, and that they like it.

Really, this is what we who journey singing to the world, value most of all: the knowledge that our voice has not been a thing apart—but somehow, mysteriously it has expressed us all our struggles, disappointments, sorrows and joys; that while we stand there solitary on the platform, the voice has been whispering, whispering to the hearts of our hearers some secrets of life.

M. D'Alvarez

The Religion of Humanity.

By E. R. Appleton, B.A. (Oxon), Station Director, Cardiff.

All the Real World is Beauty, and what is Ugly is the Other Nature.—PLATO.

JUDGING by the confidence with which I held certain convictions a few years ago, I must have been a very young man indeed. With others, I felt that the world was all wrong, that I had accurately diagnosed its malady and could propose an infallible cure. I submitted a lengthy account of one of the ingredients of this cure to a well-known publisher and I was astonished when he returned my MSS. without the usual galley proofs. He could not print my advice to religious organizations, he said, because he only believed in "The Religion of Humanity."

Roots for Myself.

This phrase, "The Religion of Humanity," has troubled me for some time. A doctor who had prescribed quinine for a feverish man would, no doubt, feel perturbed at hearing a specialist insist on the patient getting up and taking a good supply of tobacco to the picture palae. I felt like that doctor, though I fear that my publisher would have substituted an overdose of morphine for the tobacco. He believed that no sentiment whatever should prevent a ruthless pruning of the human race. His point of view was based on the old concept of evolution, which gave us hope without showing us a ray of hope, and which has now vanished.

On the one hand, scientists are discovering the structure of our sense organs, and the

limitations in the range of our perception. Professor Einstein qualifies his view of the part

played by the ether in the universe by saying: " . . . the ether which the ether is called to play in our theories of the physical world of the future we have not yet arrived at a fixed view." And according to the generally accepted theories of Professor Planck, there must be instances, even in the organic world, in which Nature makes leaps, and we therefore find room for miracles.

A New Sense of Reality.

On the other hand, leaders in all branches of religious thought are seeking and finding new inspiration from the source of their faith. Followers of the various schools, stirred on, perhaps, by the new psychology, are uniting in their striving towards a new sense of reality, towards a new presentation of spiritual values. Yet the more we know, the more conscious we are of how much remains undiscovered. We might well be dismayed but for the one outstanding fact that the further we progress in knowledge, the more powerful do we find the hidden forces to be. Contact with reality is evidently a joyous and a healthy business.

It must, I fancy, be a difficult period for the materialists. I feel sure that one could buy a lot of books on the old Psychology for sixpence. And when one sees the forest of serials in all large towns, one wonders what humanity thinks

Wireless at Sea.

How Messages are Sent from Ships.

CAN I send a wireless message?" is a common query at the wireless station on board a ship. The passenger, having been duly informed that it is possible to do so, proceeds to write out his message. The cost is elevenpence per word at least and this information, as a rule, causes several words to be cut out! However, the message being duly completed and paid for, the operator calls the nearest coast station.

Should the ship be round the English coast the procedure is fairly simple. In all probability he gets an answer immediately and the message has been transmitted and a receipt given in five minutes, providing the "jamming" is not severe. If it is, several repeats may be necessary.

When the coast station operator receives the message, he transmits it on the land line as an ordinary telegram, and it reaches its destination via the usual Post Office route.

Waits Caused by "Jamming"

The ship may, however, be in the tropics, a thousand miles or so from the nearest coast station, and, as is often the case, there may be several messages to transmit. The operator has to wait until the "jamming" has died away, this may entail a wait of several hours; nevertheless he has to keep very much on the quiet all the time.

Perhaps it is only after an hour's persistent calling that he manages to attract the attention. Having received the signal "K," which signifies "go ahead," he transmits his first message. In all probability he has to repeat the greater part of this, as several ships and possibly several other coast stations are transmitting on the same wave-length.

BUCKINGHAM has had wireless sets fitted to all its charabancs. The receiving apparatus is fitted in the back seats, and a 4-wire aerial is used.

of its sudden and baneful use of available forces. It should not, at any rate, be difficult to convince anyone of the Reality of the Invisible; and this is surely a result full of tremendous possibilities. And again, what numbers of little parables may be discovered in the mere use of wireless aerials!

To me, the most exciting thing of all is the gradual emergence of the ideals of humanity. We are discovering not only what people want, but in some cases, and in a most decided manner, what they dislike. There is overwhelming evidence that humanity, even in its most cultured state, wants joy and perpetually craves beauty. In fact, humanity is on the way to Reality.

The Garment of Beauty.

Further, the individual has probably paid for his ticket. In the privacy of his home, untrammelled by his Sunday haberdashery (or the lack of it) he can consider and absorb the personality of the most famous preachers, scholars and artists of the day. He can, and usually does, express his opinion of their performances. And, most important of all, he need not listen.

After only a few months' work with the B.R.C. I feel that I am beginning to appreciate the religion of humanity. It is intolerant of rubbish, ugliness, dullness and pedantry. All but things of Beauty sooner or later pass through its sieve. It recognises beauty as the garment of all life and, in spite of the pessimists, is thus armed with the greatest argument against materialism. The religion of humanity is still craving for an abundance of that beauty-bearing Life offered nineteen hundred years ago.

The Nature of Gases.

A Talk from London, by Sir WILLIAM H. BRAGG, F.R.S., D.Sc.

ALL material things are made up of some ninety kinds of atoms, which, therefore, are wrapped up, somehow, all the infinite variety of the material world and all its wonder and mystery. Every atom has a certain volume, in the sense that it does not allow any other atom to encroach upon its domain under ordinary circumstances. Before the discovery of radium, we thought that no encroachment was allowed under any circumstances, but we now find that if one atom approaches another at sufficient speed, it may go through the other without permanent injury to either. When the radium atom is shot out, it has a speed of 10,000 miles a second, which drives through hundreds of thousands of other atoms before it is held up.

The Most Universal Thing in Nature.

We are obliged to assume that the atom can on some occasions behave as a very empty thing, and on others as an impenetrable body. In the latter case, when the atoms make up solid bodies, such as metal, or wood, or rock, the atom has a definite volume, about a hundred millionth of an inch every way. We have to explain why sometimes the atoms cling together tightly as in a solid, or in the less complete case of a liquid, or are sometimes quite independent of each other, as in a gas.

Every atom has a central nucleus which gives it whatever massiveness and weight it possesses. Round the nucleus are distributed electrons, which are the most universal thing in nature. Every atom has its complement of them, and they are all alike. They are, in a sense, electricity used.

The Neutral Atom.

Every one is, or has, a certain charge of electricity, and when an electric current runs along a wire, it is really a stream of electrons that is on the move. The glowing wire in the valve which is sometimes used in wireless sets is pouring out a stream of them into the surrounding space, and the action of the valve depends upon that stream. The electricity which they hold is of the kind which we call negative: the nucleus of the atom holds a positive charge. The charge on the nucleus is equal to the charge on an exact number of electrons, but of opposite sign, and usually each nucleus has an equivalent number of attendant electrons, so that, on the whole, the atom is neutral—it contains as much positive as negative.

If, now, we suppose two atoms of this sort to meet each other we can suppose that the result of the encounter will depend on the speed of approach. Each atom carries on its outside its electron cloak; the first contact is between the two sets of electrons. Since a charge of electricity repels another of the same kind, there will be a force of repulsion between the two atoms which will recoil like two billiard balls that have struck each other.

Unthinkable Speed.

This is what goes on under ordinary circumstances, as when two molecules of the air or any other gas meet each other. The air molecules move at about a mile a second, on the average. But the helium atom which is shot out from radium has an initial speed ten thousand times as great, and when it meets an atom, the electron defences

are broken down and the one goes right through the other. Experiment shows that in most cases it comes out on the other side with no appreciable change in the direction of its motion. Very occasionally there is evidence that a collision has occurred, and this we ascribe to a meeting between nucleus and nucleus.

We have still to explain how the atoms when presented to each other quietly, attract each other and form liquids and solids. When they are moving at excessive speeds, they pass through one another at moderate speeds they pass like billiard balls, and at very low speeds they may stick together.

When the two atoms meet, the repulsion of their electron shells may cause them to recoil, but if the motion is less and the atoms spend a longer time in each other's neighbourhood, there is time for something to happen in the mutual arrangement of both atoms, and the result is a bond.

Why Carbon is "Number Six."

If we think of the atom as composed of nucleus and electrons we can imagine a one-electron atom, or a two-electron atom, or three or four or any number, and we not only imagine, but actually find, all the atoms having numbers from one to ninety-two, with the exception of one or two still missing. We can denote the various kinds of atoms by simple numbers and the properties of an atom as it enters into the structure of the world depend on its number only. For instance, carbon is number six, which means that its nucleus holds a positive charge capable of retaining six attendant electrons. It is because the number is six, and not any other number, that carbon has all its properties.

The seven-electron atom is nitrogen, the eight is oxygen, and it is because the latter is eight and not seven that it enters easily into com-

bination with carbon and is that which we find a demand from the air that we breathe.

Now one of the most important of all the properties of the atom is its tendency to associate with other atoms, either of its own kind or of other kinds. The tendencies vary very greatly. They are always struggling against the opposing tendency of motion. All atoms are in motion and the motions tend to prevent the associating forces from taking effect. When motion is in the ascendancy, we have a gas in which all the atoms are independent.

Lord Rayleigh's Discovery.

When we look over the list of atoms, we come at intervals to some whose tendency to associate is strikingly small: they are numbers 2, 10, 18, 36, 54, 86. There is a curious numerical rule in the successive differences of these numbers, which may readily be found: they are 2, 8, 18, 32, which are twice the squares of 1, 2, 3, 4. These atoms do not enter into combination with atoms of other kinds.

This discovery was made when the late Lord Rayleigh was making a careful comparison between the weight of nitrogen obtained from a source that must have given it pure, and the weight of nitrogen left in the air after every other known gas had been removed. He found an obstinate discrepancy and, with the help of Sir William Ramsay, traced it to the presence in the air of a hitherto unknown gas, which they named argon, the lazy one. It is number 18 in the atomic series.

The discovery of this particular member of the uncatchable series led to the discovery of the rest. Helium, the lightest, has two electrons and is identical with the atom expelled by radium.

"Unsociable" Molecules.

The ten-electron atom is called "neon," the "new one." Number 36 is krypton, the "hidden one," number 54 is xenon, the "stranger," and number 88 is the remainder of the radium atom when it has freed away the helium atom.

Besides these uncatchable atoms, there are a number of "unsociable" molecules. If, now, we ask ourselves what properties a crowd of atoms or molecules of this kind might be expected to possess, we shall find that they are such as we associate with a gas. Their perfect independence implies that no bounds can be set to a gas because the atoms or molecules will in time disperse themselves over any space to which they have access. The atoms bombard the walls of a vessel which contains them and so cause what we call pressure of the gas.

Two Simple Examples.

If we push a piston into a cylinder containing a gas we make the atoms or molecules move faster. When we pump up a bicycle tyre, we make the molecules of air move more quickly, and the pump becomes hot in our hands. The converse is true. If we allow a mass of air to expand, it is cooled, the molecules are striking a receding wall and speed is lost.

All these are illustrations of the nature of a gas; and the point is that gases exist because a number of the atoms and molecules of which the world is composed do not tend at ordinary temperatures to associate with each other, but maintain an independent and lively existence.



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THE CHILDREN'S CORNER.

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A Wonderful City in Burma.

HULLO, Children!

Here is an interesting talk about Rangoon, in Burma, which is one of the most picturesque cities in Asia.

Long before the delta of the Irrawaddy is reached the clear blue of the Bay of Bengal will have been lost in a flood of muddy, yellow water, and the traveller will know that a few more hours will bring him to Rangoon, the chief city of Burma.

The gulls fly round the ship as it ploughs its way upstream; the scene on either side is a dull one. Here and there a few trees rise above the low scrub that comes down to the river banks, and the only object of real interest is a little flaming light on the horizon. Larger and larger it grows, until at last one sees, rising five hundred feet above the busy port, a great golden bell. It is the Shwé Dagon, the most sacred Buddhist temple in all Burma.

House Made of Bamboo.

The river at Rangoon is crowded with shipping: the docks piled high with merchandise. Ugly, smoking chimneys betray the presence of oil works and cotton factories. The streets, except in the centre of the city, are only narrow winding lanes. The little wooden houses are built on piles as a protection against damp and fever, and, in the poorer quarters, the wood gives place to bamboo.

The Burmese are easy-going people, and even the poorest wear silk. In the streets the moving crowd presents a veritable pageant of colour. Here is a dark, olive-skinned girl with

big brown eyes. In her coal-black hair she has pinned a flower or two. Her blouse is plain and simple, and her skirt, just a length of copper-coloured silk wound round and round and tucked in at the waist. There is a Buddhist monk, clad in flowing robes of old gold silk, carrying a black paper umbrella, and making his way to the very heart of Rangoon, the Shwé Dagon.

The Legend of the Temple.

The temple stands upon a wooded platform of rock that once upon a time was an island far out to sea. Thousands of years ago, so the legend runs, the predecessors of the Lord Buddha left some relics here upon which the first temple was built. In shape, it is like a giant hand bell, made entirely of gold, except for a belt of silver near the top, that glitters like a diamond in the sun. At the very top is a "htee," a sort of golden umbrella from which hang hundreds of jewelled bells, tinkling softly as the wind sways them to and fro.

All round the temple is a clear space, and beyond that, in amongst the feathered coconut trees, nestle scores of little shrines and pagodas. Some are of solid stone, some of B. rmane mirror mosaic, but most are of exquisitely carved wood. The main great stairway up to the Shwé Dagon faces south, and the stone steps have been worn to an ice-like smoothness by the millions of pilgrims who have passed over them.

On both sides, between the columns that support the roofs, shops have been made. Here you can buy toys and books, sweets, umbrellas, candles, flowers, and fruit of many kinds—

breadfruit, figs, and mangos; and surely the most lovely fruits in all the world.

There are many stories about the Shwé Dagon, and perhaps one of the most curious is that of the great bell. When the British first captured Rangoon, it was suggested that this bell, which weighs over forty tons, should be sent to London. Accordingly, with great difficulty, it was brought down from the temple to be put aboard, but, by an accident, it was dropped in mid-stream. Cranes, levers, and derrick-engines were used to raise it from the river-bed, but all in vain. Finally, the attempt was given up.

How Did They Do It?

Some time later the Governor received a petition from the golden-robed monks of the Shwé Dagon, asking if they might keep the bell if they could raise it. This, of course, was granted. No one thought the monks would succeed. However, they gathered together on the river-bank and offered up incense and prayers, and then set out up two big rafts with nothing but some bamboo sticks and rope—and up came the bell! You can see it to this day in the great pagoda.

Beyond the city lies a dense forest of teak trees and tal, feathered bamboos. Rare orchids of many kinds are found there, and tigers and elephants roam the jungle ways. A few years ago a tiger came right into the city and was captured at the foot of the Shwé Dagon.

Burma is indeed a wonderful country, and as one of her kings once said, she is so much the favorite of Heaven that the very rivers add a smile to their faces.

"How do you choose, a sword or needle and thread?" It was like playing at "Oranges and Lemons." And those that answered "A sword" were men and Sabo put them on his right side, and those that answered "Needle and thread" were women, and he put them on his left side. Five of them were men and seven of them were women. Twelve in all, and to each of the men Sabo gave a small twig and said: "There's a sword for you!" and to each of the women he gave two fine needles and some leaves, and said, "There you are! Stitch away!"

Then the gong sounded for us and Sabo sent them.

"I shall come back in the morning," he said, "and then we'll have some fun."

But as soon as he had gone, the clay men with their swords began to quarrel and fight, as men so often do. It must have been a terrible battle, for they pierced one another's bodies with their swords and they cut off each other's heads—and none were left alive! The clay women wrung their hands and wept at such a sorry sight; nor had they any wish to live now that all their men were killed. So they could not have been sorry when in the middle of the night there came a great storm. The rain beat heavily down upon them, washed their heads off, and their arms and legs off, and turned them into a little heap of clay in the middle of a wet path.

When Sabo came back in the morning and found them, he was sadly disappointed. "I'll never mind!" he said to himself, "I can easily make some more."

And so no doubt he could have done, had not the gardener arrived with his spade and wheelbarrow. He spread the heap of clay all over the rosebeds and afterwards dug it in. So the clay helped to make roses instead of men—which was perhaps just as well!

(Another Sabo story next week.)

SABO AMUSES HIMSELF.

By E. W. LEWIS.

 ONE day when Sabo was sitting by the little pool in the garden, he saw his own image in the water. He was surprised to see what he looked like; and he was rather pleased, too. He looked at himself for quite a long time, smiling and frowning, but chuckly smiling; for when he smiled, the image in the water smiled also, and seemed very friendly.

He thought it was a pity that there should be only one Sabo in the world. Of course, there was Isobel and David, but even David was very big, and as for Uncle Harry, he was perfectly huge. Sabo thought it would be nice if there were other people, small and brown like himself, in the world, so that he might have playmates and companions.

One day several cartloads of clay were brought into the garden to be mixed with the soil in the rosebeds. It is good, but roses like it have clay. It was a hard kind of clay and it stood in a heap in a corner until the gardener was ready to use it.

Sabo sat down by the heap of clay, and, having nothing better to do, he began to make round balls, rolling the clay in his hands. By chance he made a large ball and then a small one and he stuck the small one on the top of the large one, and, to his astonishment, the two balls, when stuck together, looked remarkably like his own round head on the top of his round body. His eyes brightened.

"That is a good idea!" he said to himself.

So he took some more clay and made two legs and then two arms, which he stuck on to the large ball in their proper places. Each moment it grew more and more like a man. Then he made two little holes for eyes, and a bigger one for the mouth, and he put on a small scrubby bit for the nose. And he began to laugh and was very excited.

"You'll be a man soon!" he said, as he walked away.

When he had finished the first, he put it down on the ground and began to make a second. And all the time, he was thinking very hard, and growing more and more pleased with himself.

When he had finished the second, he put it down on the ground, and took up the first one and, holding it in front of him, he blew a breath into its face. To his great delight it became alive; the clay eyes blinked, and the clay mouth smiled.

"Which will you choose?" said Sabo, "a sword, or needle and thread?"

"A sword," said the little voice.

"Then you are a man!" said Sabo, and he put the little clay man down on the ground on the right side.

Taking up the other clay figure, he blew a breath in its face and asked the same question.

"What do you choose, a sword or needle and thread?"

"Needle and thread!" answered the second.

"Then you are a woman!" said Sabo, and he put her down on the ground on his left side.

He began at once to make more clay figures. He looked at the heap of clay, and he thought that before he had used it all up, he would have made hundreds and hundreds! But by the time he had made ten more, he grew tired. Besides, the sun was setting, and it was nearly time for tea.

So he took the ten new ones, his hands one after another, blew a breath into their faces, and asked them the question.

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Edinburgh Programme. Week Beginning Sunday, June 22nd.

SUNDAY, June 22nd.
3.0-5.30.—Programme S.B. from London.
5.30-6.0.—The Rev. T. HATLIFFE BARNETT, Religious Address, with Hymns by the CHOIR OF GREENBANK UNITED FREE CHURCH.
6.0-10.30.—Programme S.B. from London.

MONDAY, June 23rd.
3.30-4.30.—Band of Dunedin Palais de Danse.
5.0-6.0.—CHILDREN'S CORNER.
7.0-11.30.—Programme S.B. from London.

TUESDAY, June 24th.
5.0-6.0.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

WEDNESDAY, June 25th.
3.30-4.30.—Band of Dunedin Palais de Danse.
5.0-6.0.—CHILDREN'S CORNER.
7.0.—NEWS and WEATHER FORECAST.
8.0—S.B. from London.
Mrs. ANNEST BIGLAND, S.B. from London.
Local News.

7.30.—JOHN PETER DUNN
Solo Pianoforte.
"La Bayole" (P. Tchaik.) Couperin
Minuet and Gigue (Mozart)
Appendix to Symphonie Studies, Op. 18 (Schumann)

7.30.—ANNIE HOBSON (Contralto).
"O My Harp Immortal" ("Sapho") Gounod

8.0.—John Peter Dunn.
"Au bord d'une source" (Lamé)
"The Sussex Mummers' Christmas Carol" (Percy Grainger)
"Shadow Dances," Op. 39, No. 8 (MacDowell) (4)

8.15.—Annie Hobson.
"My Ships" (Auguste Borrel) (1)
"In questa tomba" (Anton Bednarski)

8.25.—John Peter Dunn.
Prelude, Op. 28, No. 1
L'enterrement, Op. 36 } ... Chopin
Escale, Op. 25, No. 2

8.45.—Annie Hobson.
Song to Anna (Glinka)
"Se l'heure sonne" (Ross and Moffat)

8.47.—Prof. C. G. BARKLA, B.Sc., F.R.S., of Edinburgh University, on "Electricity and Matter".

9.7.0.15.—Local News.
9.15.—Dr. R. HARVEY, Elocutionist. Reading from "The Pickwick Papers". Chas. Dickens

9.30.—THE COMMUNITY PLAYERS
"POPE'S EXPERIMENT".
A Comedy in One Act by R. A. Roxburgh, Cast

Andrew Pope R. A. B. HARVEY
David Heggie (A Janitor) R. A. B. THOMPSON

Catherine (Maid) JEAN KERR
Miss Trotter Miss E. B. DONALDSON
Mrs. Evertson Mabel BUCKLESTAFF

Scans: Professor Pope's Sitting-room.
10.0.—"AIDA," Act III. S.B. from London.

10.30.—NEWS and WEATHER FORECAST.
8.0—S.B. from London.
Royal Horticultural Society Talk. S.B. from London.

Local News.
10.45.—"AIDA," Act IV. S.B. from London.
11.20.—Close down.

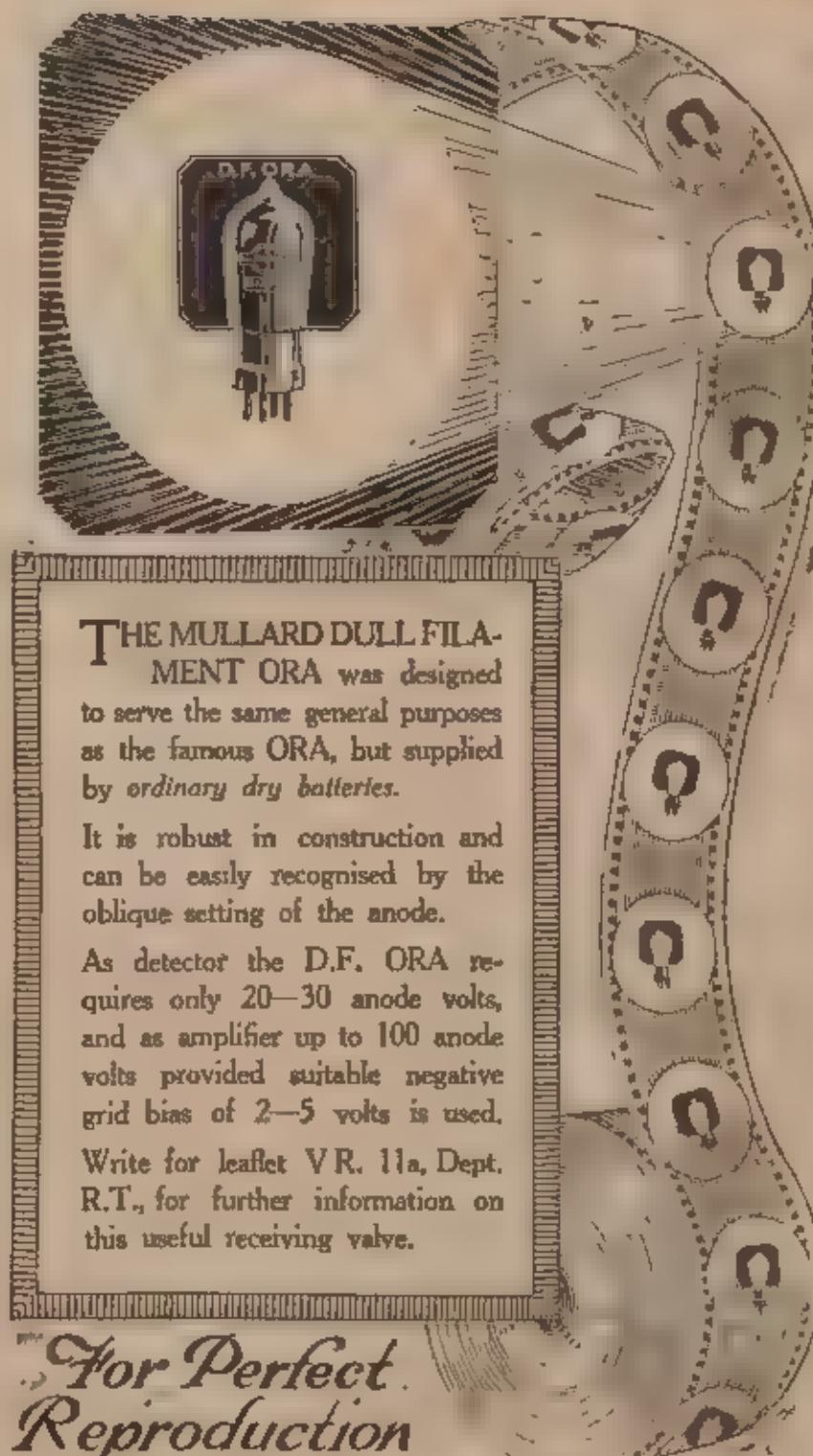
THURSDAY, June 26th.
5.0-6.0.—CHILDREN'S CORNER.
7.0-11.0.—Programme S.B. from London.

FRIDAY, June 27th.
3.30-4.30.—Band of Dunedin Palais de Danse.
5.0-6.0.—CHILDREN'S CORNER.
6.0-11.0.—Programme S.B. from London.

SATURDAY, June 28th.
5.0-6.0.—CHILDREN'S CORNER.
6.0-12.0.—Programme S.B. from London.
An obituary of G. E. Murray.

A number against a musical item indicates the name of its publisher. A key list of publishers will be found on page 54.

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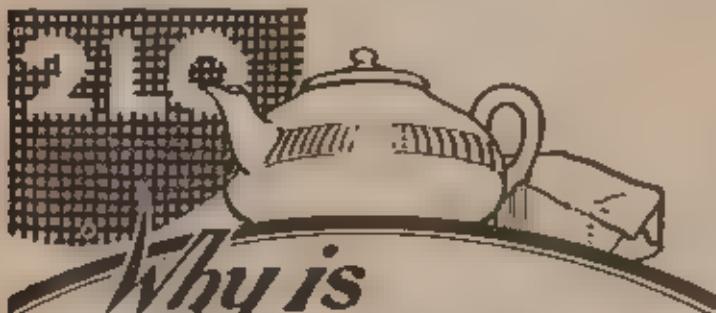
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Same size, same base, same filament
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anode voltage, same filament current
and same filament voltage.

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We repair all types of
vacuum tubes, including
radio valves, telephone
valves, and other types of
vacuum tubes.



**fit the New
RADION LOW CONSUMPTION
VALVES**

and amplify enjoyment!

Liverpool Programme.

Week Beginning Sunday, June 22nd.

SUNDAY, June 22nd.

8.0-8.30. *Programmes S.B. from London.*
8.30-10.30. *Programmes S.B. from London.*

MONDAY, June 23rd.

4.0-5.0. — Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.15. *CHILDREN'S CORNER.*
7.0-11.0. — *Programme S.B. from London.*

TUESDAY, June 24th.

4.0-5.0. — Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.15. *CHILDREN'S CORNER.*
7.0-11.0. — *Programme S.B. from London.*

WEDNESDAY, June 25th.

4.0-5.0. — Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.15. *CHILDREN'S CORNER.*
7.0-11.0. — *Programme S.B. from London.*

THURSDAY, June 26th.

4.0-5.0. — Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.15. *CHILDREN'S CORNER.*
7.0-11.0. — *Programme S.B. from London.*

FRIDAY, June 27th.

4.0-5.0. — Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.0. *CHILDREN'S CORNER*
6.0-6.45. The Rt. Hon. WINSTON CHURCHILL. *S.B. from London*
7.0. *NEWS and WEATHER FORECAST S.B. from London*
PROF. A. J. IRELAND. *S.B. from London*
Local News.

Popular Programmes.

7.30. THE CITY OF LIVERPOOL MILITARY BAND. Musical Director, Capt. G. W. MANSBRIDGE. March, "The Gladiators Farewell" Blankenberg Overture, "Festival"..... Leutner Suite, "Amer. and Teutonic".
8.0. MRS. ROBERT WALKER (Soprano) The Lost Waltz"..... Stroze "Star of Fate" ("Catherine") Tchakovsky 8.15. The R.A.F. Selection, "Chi Chin Chow"..... Norton Entr'acte, "Parade of the Tin Soldiers".....
Flute Duet, "Henry VIII"..... Norton Piano Soli, "Deep Blue Sea".....
9.10. HARRY J. BLAINE, TON (Baritone) The Women of England"..... Morris England "Love and Wine" ("Gipsy Love".....
10.30. The Band Humorous Variations on "Three Blind Mice"..... Lister Selection, "The Maid of the Mountains".....
Entr'acte, "Ke Sa Ke".....
10.0.—*NEWS and WEATHER FORECAST S.B. from London*
Local News.

10.15. MONTAGUE FOSTER, in Song and Story "I Want to Go To Morrow"..... Lou Sully Mistress, Buddy Was a Giddy Little Wench"..... Montagu "When You Are Up in the World".....
"Trifling Occurrences"..... Lynne 10.30.—Close down.

SATURDAY, June 28th.

4.0-5.0. — Gaillard and his Orchestra, relayed from the Scala Picture House.
5.30-6.0. *CHILDREN'S CORNER.*
6.0-12.0. *Programme S.B. from London.*
Announcer, R. Cecil Pearson.



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The price of this receiver stands comparison with any wireless valve and the quality of results is unequalled even at twice the price. For the Continental Stations, Wave Length Range 200 to 4,000 metres without change of coils. M. p. Catalogue RT free on application.

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A. & P. G.



Plymouth Programme.

Week beginning Sunday, June 22nd.

SUNDAY, June 22nd.

3.15-5.30 *Programmes S.B. from London.*
 5.15-10.30 *Programmes S.B. from London.*
 MON. and TUES., June 23rd and 24th.
 3.15-4.30 Savoy Picture House Orchestra,
 Conductor, Albert Hosie.
 5.30-6.30 *CHILDREN'S CORNER*
 6.30-11.30 *Programmes S.B. from London.*

WEDNESDAY, June 25th.

3.30-4.30 Savoy Picture House Orchestra,
 Conductor, Albert Hosie.
 6.30-8.30 *CHILDREN'S CORNER*
 7.0-NEWS to 1. *WEATHER FORECAST.*
 7.0-8.0 *Local News.*
 7.30-8.30 *Local Concert.*

8.0- *FRANK EDWARDS (Solo Pianoforte).*
 "The Harmonious Blacksmith".... Handel
 Prelude and Fugue in G Sharp.... Bach
 Prelude in F, No. 23]. Chopin
 Ballade in A Flat]. Chopin
 FLORA'S BOULAV

Concerto in B Flat Minor
 Arranged by HARRY MORFITT,
 Borough Organist of Plymouth.
 FLORENCE BOYTON (Soprano).
 LUCILLE RADNEY (Contralto).
 ALICE SANDERS (Tenor).
 T. SPENCER RAN

Quartette. Come All Ye Lovers and Lasses" "Shepherdesses, Pretty Lasses" "Dance, Tell Me Charming Partner" Quartette. Granite Dawn. Songs Over the Mountains" "The Country Dance" "Country Maidens. Bowne Ye, Love Will Ensnare Ye" "Dance, Now is the Month" "Quartette. The Leader" "Friends, O Love, and Em All in Combination" LAT. (P.T.E. (Entertainer).
 An English Story" "A is a Jackson" "A Frenchie a Member of Parliament Making his First Speech" "Laundress Florence Hoyton" "MeadowSweet" "May Brake (6)" "The Dawn is a Wonderful Fairy" Gerald Phillips

Robert Grant

Young Tom o' Devon" Kennedy Russell
 Play if You're Happy" "Singing
 Frank Edwards
 "Ragamuffin" John Ireland
 Two Arabians" "Jasmine goes to Paris" "Daisy
 Phyllis Chadsey
 Love's Old Sweet Song" J. J. Molloy (1)
 Marlowe Dorothy Forster
 Ales Sanders

L. Springfield *Concert*
 "Mary" *Concert*
 "A Few Crystal Ideas" *are* *Laurel*
 "The Lovers" *Laurel*
 10.0-11.30 *Programme S.B. from London.*

THURSDAY, June 26th.

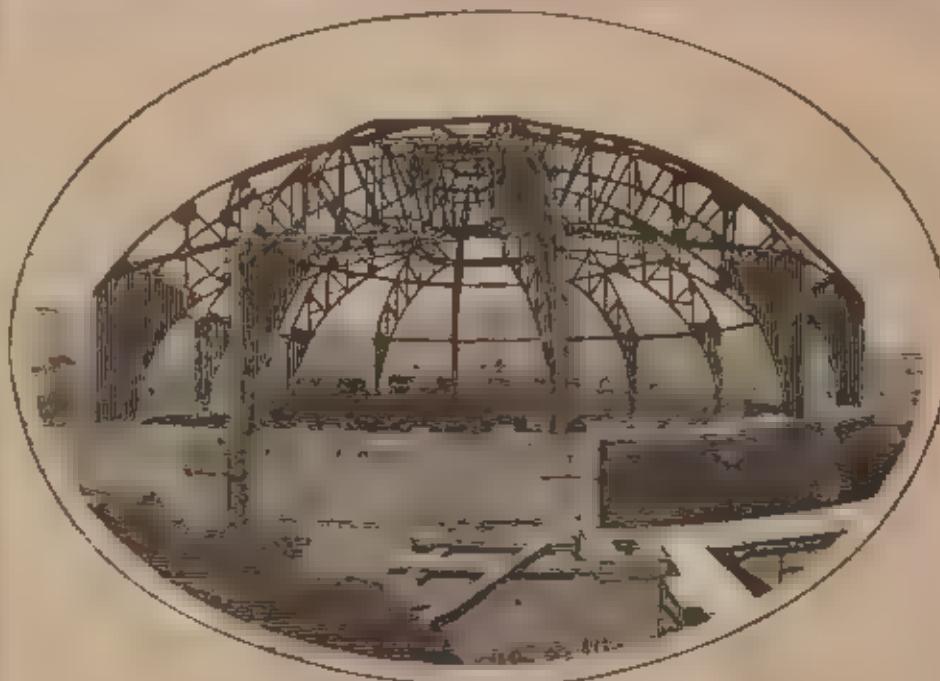
3.30-4.30 Savoy Picture House Orchestra,
 Conductor, Albert Hosie.
 6.30-8.30 *CHILDREN'S CORNER*
 7.0-11.0 *Programme S.B. from London.*

FRIDAY, June 27th.

3.30-4.30 Savoy Picture House Orchestra,
 Conductor, Albert Hosie.
 6.30-8.0 *CHILDREN'S CORNER*
 8.0-11.0 *Programme S.B. from London.*

SATURDAY, June 28th.

3.30-4.30 Swarthenoe Hall Orchestra (Musical Director, Thomas Ash). The Rt. Rev. Dr. MATHERMAN, Bishop of Plymouth; "The Workers' Education Association," and Mrs. BAIHARA WOOLTON (National Debt Committee), on "Workers and the Queen" at the Celebrations of the Workers' Education Association, ruled from the Big School, 11 months.
 5.0-6.0 *CHILDREN'S CORNER.*
 6.0-12.0 *Programme S.B. from London.*
 Announcer Clarence Givell,



A useful lesson from Steelwork

IN Capetown University there has been erected a wonderful dome—the steelwork for which is shown above. High above the city, overlooking the harbour, catching a glint of the sun, this new building is a splendid example of British workmanship overseas, coupled to sound engineering skill. Observe the clever way in which perfect rigidity is obtained without an ounce of undue weight. For in such an erection, the safety of the whole building—and maybe that of the hundreds of human beings inside—depends on the rigidity and sturdiness of the hidden framework.

This rigidity, which is so important to constructional engineers, is really just as important to Valve users if they would only just appreciate a few simple facts.

The Grid of a Valve is placed between the filament and the Anode to catch a percentage of the electron stream. In most valves with straight filaments it usually consists of a simple spiral of wire. In the Cossor on the other hand, it is actually built up on a special band of nickel and is hood-shaped.

Owing to this skilful piece of miniature engineering, the Cossor Valve is entirely free from microphonic noises (often so distressing when the Loud Speaker is used). If, for instance, you should knock your set when the Valves are alight, and a banjo-like noise is produced, your Valves are microphonic and you will never obtain really pure music.

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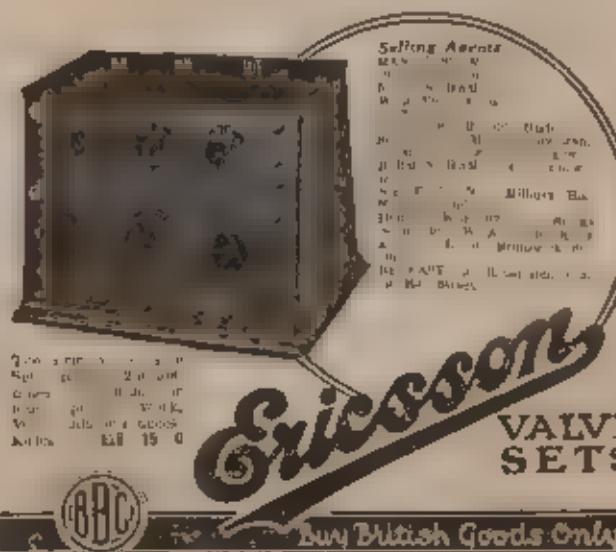
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.... a sweltering evening succeeds a broiling day languid hands lay down racquets with small regrets over all the hush of summer Luna tips the treetops with silver.

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Write to-day for lists and full information re our sets, crystals and valves, telephones and components.

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67, 73, Kingsway, London, W.C. 2.



Sheffield Programme. Week Beginning Sunday, June 22nd.

SUNDAY, June 22nd.

3.30-5.30. Programme S.B. from London.

5.30-6.30. Programme S.B. from London.

MONDAY, June 23rd, and WED., June 25th.

3.30-4.30.—Programme S.B. from Manchester.

5.30-6.30. CHILDREN'S CORNER

7.0 onwards.—Programme S.B. from London.

TUESDAY, June 24th, and THURS., June 26th

3.30-4.30. Programme S.B. from London.

Higher and Organ Recital by J. W. Strickland, relayed from the Albert Hall.

5.30-6.30. CHILDREN'S CORNER

7.0 onwards.—Programme S.B. from London.

FRIDAY, June 27th

3.30-4.30.—Programme S.B. from Manchester.

5.30-6.0. CHILDREN'S CORNER

6.0-6.45. The Rt. Hon. WINSTON

CHURCHILL. S.B. from London.

7.0. NEWS and WEATHER FORECAST

S.B. from London.

Prof. A. J. L. COLE. S.B. from London.

Local News.

7.30. PIANOFORTE QUINTETTE

Under the Direction of COLLIN SMITH

Opus 144, Opus 145, Opus 146

"A la Minuet" ... Herman Fine

"A la Ronde" ... Opus 146

"Katy" ... Opus 147

"Caro Mea" ... Opus 148

"Down in the Forest" London Round 10

COLLIN SMITH (Solo Oboe)

"Ariette" ... Opus 149

"Tango" ... Opus 149

"Invitation to the Dance" ... Opus 149

"The Arms of the" ... Opus 149

"Les Femmes" ... Opus 149

Avantante and Variations from No. 8, Op. 18

Opus 149

DORIS HITCHENER (Soprano).

"Over the Moon" ... Opus 149

"1570. From Pergo's Reliques"

"Gather Ye Rosebuds While Ye May"

(1532-1600—W. Lure)

"Moonlight" ... Opus 149

Kate Moss

Pianoforte Quintette

"Misture Suite" ... Eric Coates (1)

"Cavalcade" from "Le Cid" ... Massenet

"Sovietish Suite" ... Opus 149

John Roberts

"N. da. & gior" ... Opus 149

"Silent Night" ... Opus 149

John Roberts

"Spanish Serenade" ... Opus 149

"Aria" ... Opus 149

Bach

Bassoon Quartette

Fugue from Quartette in C Major, Mozart

Dance H. to C.

An English Love Lullaby Kennedy-Fraser (1)

"A Lament" ... Coleridge-Taylor

"My Heart" ... Handel

Violin and Qu. Sette

"Cantotte Manzoni" ... Massenet

Music M. set

Harpsichord

"A Village Presentation" ... Graham Square (13)

10.0. NEWS and WEATHER FORECAST

S.B. from London.

Local News.

E. & Roberts.

"I Heard You Go By" ... Wood (5)

"For You Alone" ... Gershwin

"Odebra ma fu" ... Handel

Station Quintette

Suite, "Summer Days" ... Eric Coates

Rehearsal

Doris Hitchener.

"Our Fine Day" ... Puccini

"La Serenata" ... Draga

"Song My Mother Taught Me" ... Deorak

Station Quintette.

Selected

10.30. Close down.

SATURDAY, June 28th.

3.30-4.30.—Orchestra directed by Tom Gal

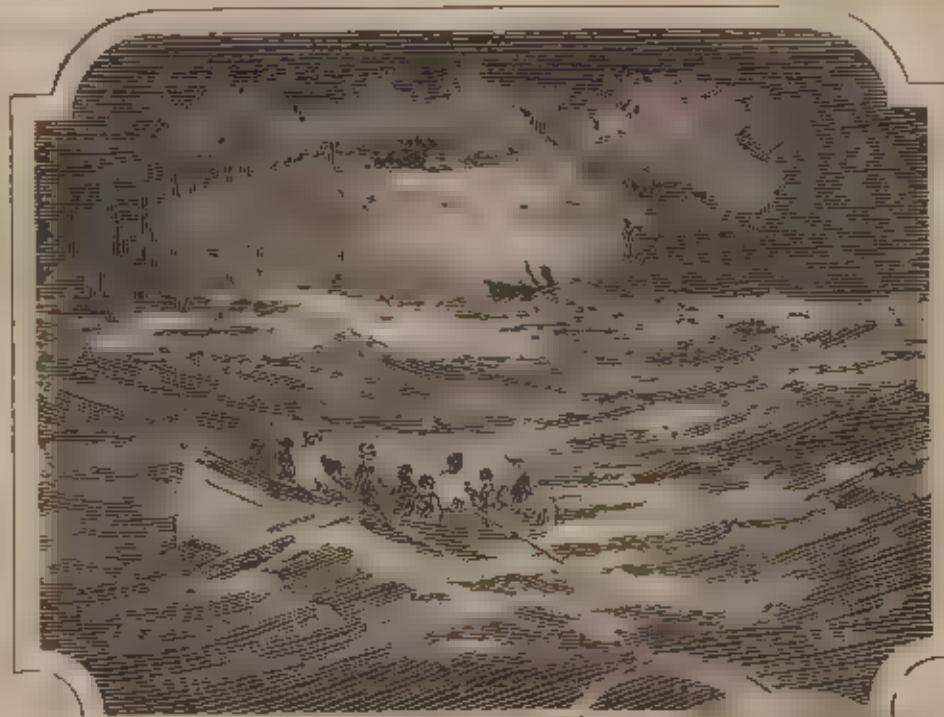
lagher and Organ Recital by J. W.

Strickland, relayed from the Albert Hall.

5.30-6.0.—CHILDREN'S CORNER

6.0-12.0.—Programme S.B. from London.

Announcer: H. C. Head-Jenner.



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under typical BROWN supervison and with the same
regard of accuracy of work-
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The wireless enthusiast who
sets a store on the perfection of

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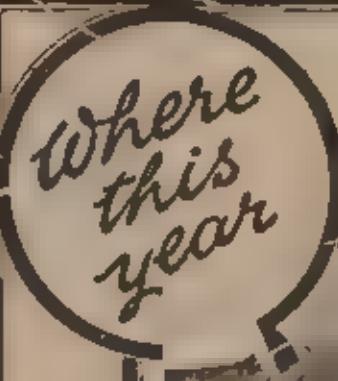
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Exceptionally strong frame. Long steel-tipped springs in the back and seat. Solid beech and heavy oak frames. Back and legs are solid beech. The back is made of beech and is extremely comfortable. The legs are solid beech and are very strong. The life of the chair and durability of the springs.

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In 1894 . . . First used in the British Navy. Transmitters applied to Phonographs for Loud Speaker reproduction. Demonstrations by Prof. McEndick at the Royal Society.
In 1896 . . . Naval Telephones developed and adopted by the Admiralty.
In 1898 . . . Watertight Loud Speakers Patented. Fitted on board many warships and mercantile vessels. Telephonic submarine Signalling System devised.
In 1902 . . . Complete Loud Speaker installations on central battery plan erected on warships as sole means of communication.
In 1906 . . . The most extensive naval installation to date, including exchange system fitted to H.M.S. Dreadnought.
Towards . . . Graham Loud Speakers applied to all sorts and conditions of service at home and abroad, ashore and afloat.
To 1919 . . . No less than 12,000 ship installations carried out.
In 1920 . . . "AMPLION" Loud Speakers produced for Wireless and "AMPLION" Trade Mark registered.
In 1922 . . . "AMPLION" standardised by leading manufacturers of radio apparatus

— the Reason Why the "AMPLION" is undeniably the finest Radio Loud Speaker and recognised as the World's Standard.

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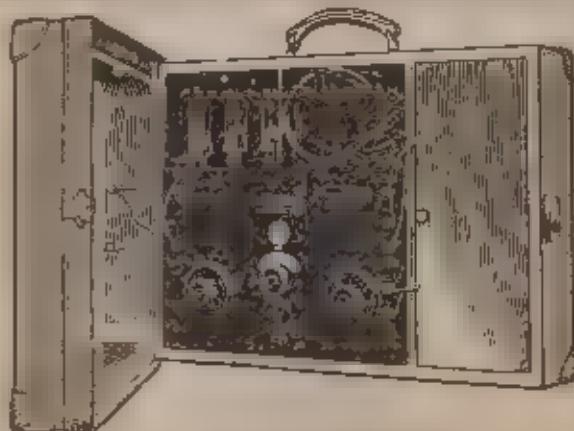
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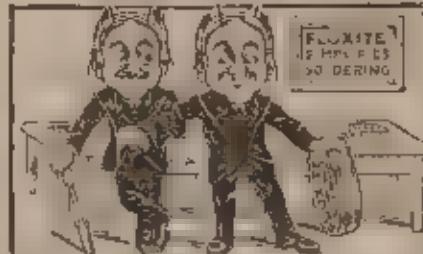


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There is no better apparatus than BURNDEPT

The wireless correspondent of "The Glasgow Herald" paid an informal visit to one of the Burndept Factories recently. His remarks published in "The Glasgow Herald" are interesting

WIRELESS

By our WIRELESS Correspondent.

A Wireless Factory.

At the close of the week before last the writer paid a visit to the Burndept Works at Blackheath from which a large proportion of the better-class wireless apparatus by the amateurs of the United Kingdom and the Empire is supplied. The connection, notably with America and Spain, and in fact with all countries where their components are held in the Services may be gathered from the fact that a single customer at the Blackheath Works is accepted by the instrument-testing department of the Admiralty without question—a distinction accorded to only one other firm. This is not to be wondered at when the almost unbelievable delicacy and precision of the measuring apparatus at Blackheath is taken into account. The writer lays stress upon this point because importance to the wireless amateur is far greater than is commonly imagined. A wireless component may look very well, and may even work very well—after a fashion—but in a good few cases it may be not only a disconcerting component, but also a positively dangerous one to use for any but rough-and-ready purposes, simply because it is inaccurate. It was gratifying to meet John Taylor, the man who has built up the firm's hard won reputation for precision of measurement, in addition to the other attributes which make for the popularity of its products.

Very cheap apparatus, of course, cannot be made on these lines, but one of the reasons for the high cost of wireless components are sometimes not altogether honest in this matter of accuracy. The standard set and maintained by rigid inspection and repeated test must be high enable experimental work to be done with confidence. In his own comparative practice the writer has always taken the "read" but he will place still more implicit trust in them after what he saw of the making and testing of apparatus at Blackheath. Incidentally, even the most exultant amateur investigator of wireless problems may rest assured that what is good enough for the scientific branch of the Navy will be good enough for him.

Research and Manufacture

At the Burndept Works research and production go on side by side. Under the immediate supervision of the chief engineer there are an electrical laboratory and a workshop with some beautiful tools including of course, various lathes, both large and of the watchmakers' pattern, and there is a fully equipped experimental sending and receiving station. The writer was particularly interested in the transition stage between research and actual manufacture.

No instrument or set which has been experimentally proved to be satisfactory is, so to speak, set up in the rough, in order that every chance of failure may be explored, and every possible modification for the better introduced. The amount of searching criticism and helpful suggestion brought to bear at this stage was evidenced

in various ways, and convincing proof was afforded of the desire to produce gear that is proof against even hole-and-corner scrutiny. Turning to the manufacturing department, it was instructive to observe that even such minor accessories as small clearance headed metal screws are turned out

the precise, doubtless in order to make sure of the absolute uniformity needed to render the process of assembling as certain and expeditious as possible. The engraving room was very attractive, several of the well-known Taylor, Taylor and Hobson machines being installed. Burndept panels are always exceptionally well engraved, and the writer was shown a piece of ivory on which the name of the firm was beautifully engraved in letters so small as to be quite illegible without the use of a fairly strong magnifier.

Wiring.

The modern system of wiring with straight lengths of stiff wire is very effective if properly carried out, but it needs very careful manipulation and, of course, first-class soldering. The latter is neatly and quickly done with electric soldering irons, and it was interesting to note how thoroughly the joints were tested in the testing room. As an example of the attention given to detail it may be mentioned that, in the case of a particular connection of one particular wire, it was noticed that absolute rigidity in the wire might result in an undue strain, and accordingly for a space of about half an inch, it is coiled into a spring, which gives, simply and effectively and with the minimum loss of space, the "play" desired.

Coil-winding.

This is in no sense a description of the Burndept works, but only a scrappy allusion to a particular feature which there is not space here to mention. But a word should be given to the manufacture of coils, in which the firm has always specialised. The winding is done by girls, with the help of winding machines of beautiful construction, and the process is a fascinating one to watch. The combination of mechanical accuracy and manual dexterity is both attractive and the actual winding only taking a very few minutes and producing a coil which is already quite rigid and compact before being passed on to be taped and mounted. Some No. 1000 coils had recently been completed, and these seemed sufficiently "hefty," but a 1500 for special purposes, and at the same time the recently produced series of low wave coils enables KDKA and other 100-m. stations to be brought in with a good signal.

Straight Circuits.

The writer was naturally gratified to find his own views on circuits endorsed by such experts as those he met at Blackheath. The latter, a matter of course, had tried out the super-circuits, and readily admitted that

parent hands and properly constructed, of them gave remarkable results. But they had not yet found any which for combination, trustworthiness and efficiency could compete with the simple and straight forward one which they embody in their sets, and which

is immensely varied and also very exacting class workers for whom a firm like Burndept have to enter. It is a singular tribute to the merits of the "straight" circuit that they should have adhered to it so faithfully. At the same time it must be remembered that on this sound basis they have introduced and kept on during various little improvements and lines of arrangement and construction which make their version of "tuned awoke" a somewhat exceptional one. In particular, they are now dealing with simplification by means of small power valves, and the cleverness with which those important aids to efficiency are being "worked-in" along with a variety of other extremely up-to-date and practical accessories, helps to keep the Burndept output not only "standard" in the best sense of the term but also as fully abreast of the time as the most progressive worker who is not at the same time a restless crank could desire.

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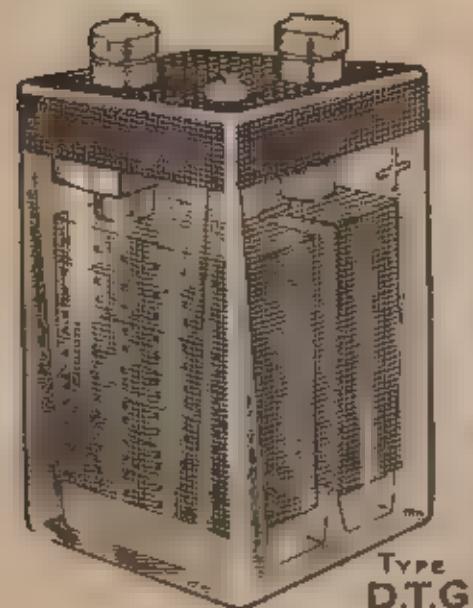
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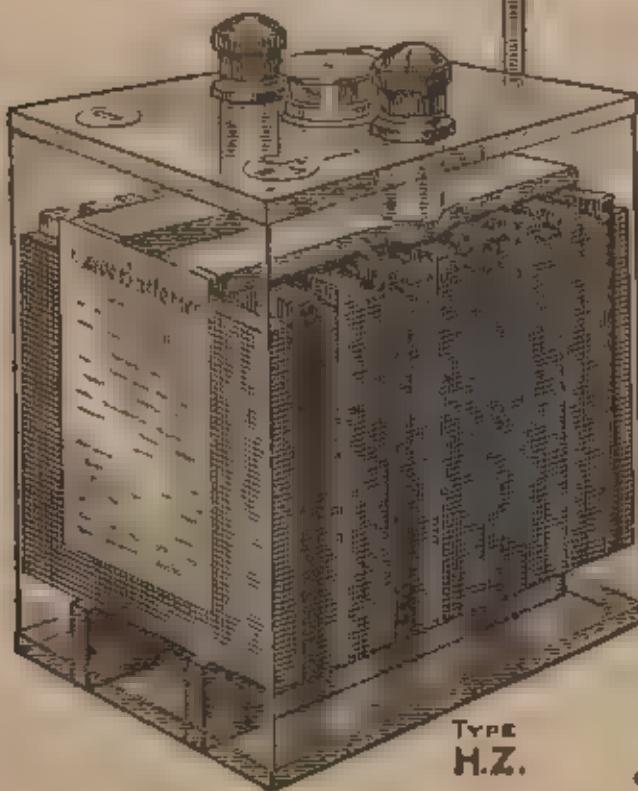
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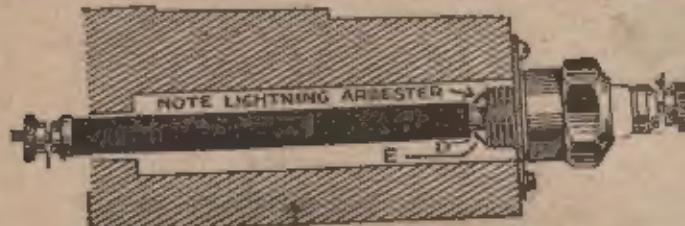
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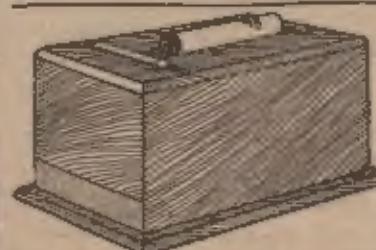
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Wireless Weekly

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Special Constructional Articles

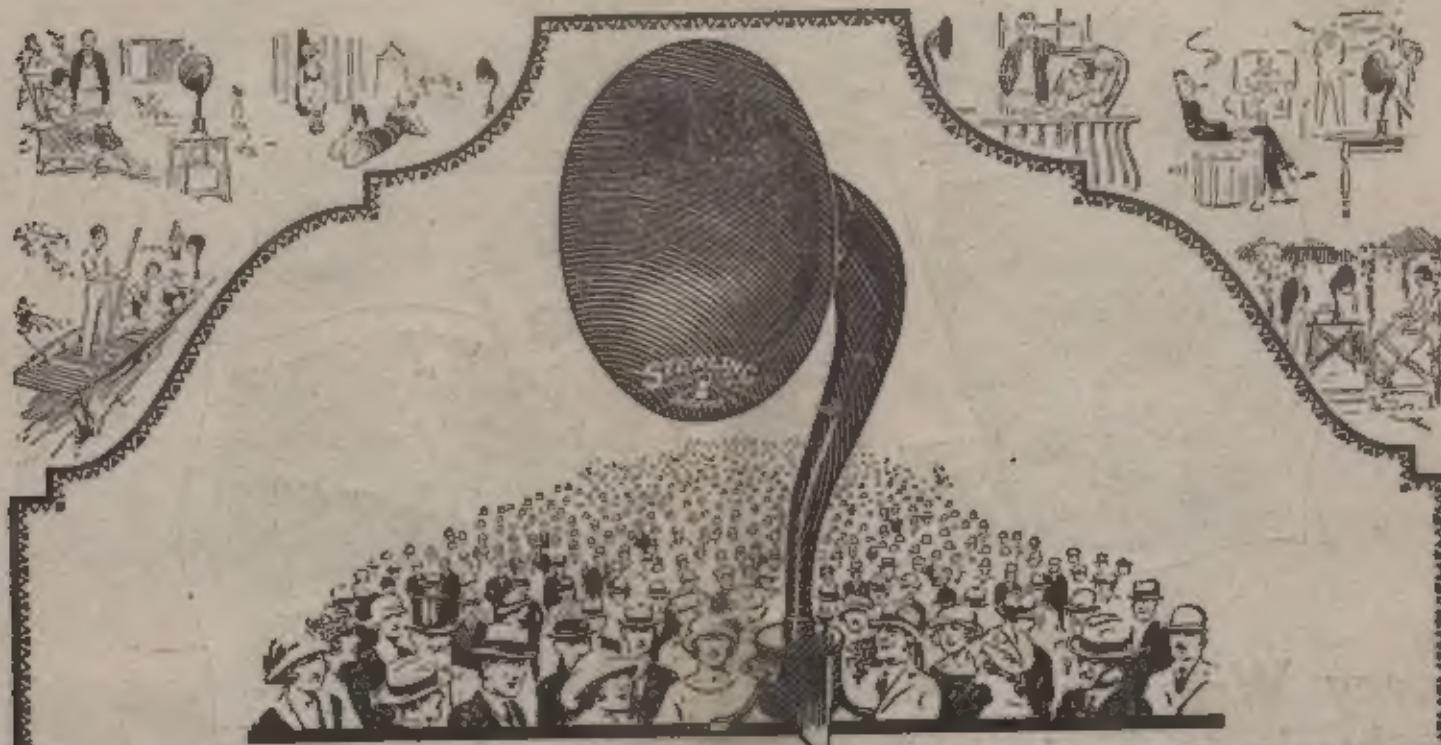
Wireless Weekly has always been famed for its thoroughly practicable constructional articles. Here are some taken at random from recent issues: How to make a simple Short Wave Receiver. A practical Neodyne. A Wave-meter. A Cabinet p-Valve Receiver. The Omni-Circuit Receiver. A Power Amplifier. An Improved S.T. 100 Receiver. The Reimarz All-Wave Receiver. A Double-reaction Receiver. And very many others. If you are thinking of making up a Set read *Wireless Weekly*—you are certain to find a good selection to choose from.

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